

NASA TECHNICAL MEMORANDUM

NASA TM X-64959

DATA FOR NASA'S AVSSE I EXPERIMENT: 25-MB
SOUNDING DATA AND SYNOPTIC CHARTS

By Nancy F. Fucik and Robert E. Turner
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(NASA-TM-X-64959) DATA FOR NASA'S AVSSE I
EXPERIMENT: 25-MB SOUNDING DATA AND
SYNOPTIC CHARTS (NASA) 175 p HC \$6.25

N76-10638

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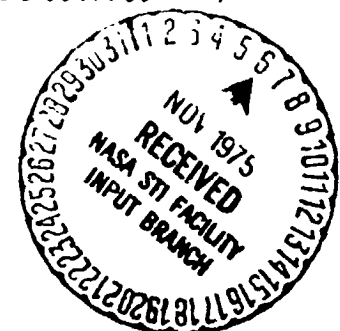
Unclas

G3/47 39433

September 1975

NASA

*George C. Marshall Space Flight Center
Marshall Space Flight Center, Alabama*



TECHNICAL REPORT STANDARD TITLE PAGE

1. REPORT NO. NASA TM X-64959	2. GOVERNMENT ACCESSION NO.	3. RECIPIENT'S CATALOG NO.	
4. TITLE AND SUBTITLE Data for NASA's AVSSE I Experiment: 25-MB Sounding Data and Synoptic Charts		5. REPORT DATE September 1975	
		6. PERFORMING ORGANIZATION CODE	
7. AUTHOR(S) Nancy F. Fucik* and Robert E. Turner		8. PERFORMING ORGANIZATION REPORT #	
9. PERFORMING ORGANIZATION NAME AND ADDRESS George C. Marshall Space Flight Center Marshall Space Flight Center, Alabama 35812		10. WORK UNIT NO.	
		11. CONTRACT OR GRANT NO.	
		13. TYPE OF REPORT & PERIOD COVERED Technical Memorandum	
12. SPONSORING AGENCY NAME AND ADDRESS National Aeronautics and Space Administration Washington, D.C. 20540		14. SPONSORING AGENCY CODE	
15. SUPPLEMENTARY NOTES This report is based on work performed under Contract NAS8-26751 and is published to make available a unique set of atmospheric data records for research use by the scientific community. The project was conducted under the operational direction of Robert E. Turner and Charles K. Hill of the Marshall Space Flight Center.			
16. ABSTRACT <p>This report describes the AVSSE I Experiment and presents tabulated rawinsonde data at 25-mb intervals from the surface to 25 mb for the 24 stations participating in the experiment. Soundings were taken between 1200 GMT, April 27, and 1200 GMT, April 28, 1975. Brief discussions are given on the methods of data processing and accuracy. Synoptic charts prepared from the data are presented, as well as an example of contact data.</p> <p>* Texas A&M University, College Station, Texas</p>			
17. KEY WORDS Meteorology Atmospheric Variability Soundings Synoptic Mesoscale		18. DISTRIBUTION STATEMENT UNCLASSIFIED - UNLIMITED <i>Kelly Hill</i>	
19. SECURITY CLASSIF. (of this report) UNCLASSIFIED	20. SECURITY CLASSIF. (of this page) UNCLASSIFIED	21. NO. OF PAGES 173	22. PRICE NTIS

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DATA FOR NASA'S AVSSE I EXPERIMENT:
25-MB SOUNDING DATA AND SYNOPTIC CHARTS

by

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I. Introduction

To date NASA has conducted four Atmospheric Variability Experiments (AVE) and two Atmospheric Variability and Severe Storm Experiments (AVSSE). The dates of these experiments, observation times, and other information are summarized in Table 1.

The data reduction program and an error analysis have been presented by Fuelberg (1974). Some changes were made in Fuelberg's original program; these are discussed in Section III of this report. Also, error estimates taken from Fuelberg's report are presented in Section IV.

The AVE experiments were conducted for the primary purpose of studying atmospheric variability with emphasis on spatial and temporal changes in the structure of the atmosphere that could be determined from soundings taken at 3-h intervals, and which would not be reflected in soundings taken at 12-h intervals. Studies have shown (Scoggins et al., 1973; Overall and Scoggins, 1975, and; Wilson and Scoggins, 1975) significant variability and changes in atmospheric structure from the 3-h data not present in the 12-h data.

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Table 1

Summary of AVE and AVSSE Experiments

<u>Experiment</u>	<u>Dates</u>	<u>Observation times (GMT)</u>	<u>Data Reports</u>
AVE I	19-22 February 1964	2/19 - 00, 03, 06, 09, 12, 15, 18, 21 2/20 - 00, 03, 06, 09, 12, 15, 18, 21 2/21 - 00, 03, 06, 09, 12, 15, 18, 21 2/22 - 00, 03, 06, 09, 12, 15, 18, 21 2/23 - 00	Scoggins and Smith (1973a and b)
AVE II	11-12 May 1974	5/11 - 12, 15, 18, 21 5/12 - 00, 03, 06, 09, 12	Scoggins and Turner (1974) Fuehlberg and Turner (1974)
AVE III	6-9 February 1975	2/6 - 00, 06, 12, 15, 18, 21 2/7 - 00, 06, 12	Fuehlberg and Turner (1975)
AVE IV	24-25 April 1975	4/24 - 00, 06, 12, 15, 18, 21 4/25 - 00, 06, 12	Frick and Turner (1975)
AVSSE I	27-28 April 1975	4/27 - 12, 15, 18, 21 4/28 - 00, 03, 12	This report
AVSSE II	6-7 May 1975	5/6 - 12, 15, 18, 21 5/7 - 00, 03, 12	Not yet published

The primary purpose of the AVSSE experiments is to provide a data base for studying atmospheric structure and variability associated with severe storms. These data will supplement measurements made by aircraft (a program conducted by the NASA Goddard Space Flight Center, Greenbelt, MD) in and near convective storms. The aircraft data will provide information on near-storm environments, while the AVSSE data will provide information on spatial and temporal scales between the aircraft data and normal 12-h rawinsonde sounding data.

II. The AVSSE I Experiment

Twenty-four rawinsonde stations participated in the AVSSE I experiment. These stations are shown in Fig. 1 and listed in Table 2. Soundings were taken at seven time periods - April 27 at 1200, 1500, 1800, and 2100 GMT, and on April 28 at 0000, 0300, and 1200 GMT.

III. Discussion of Basic Data

A. Collection. Original information from which sounding data were computed was sent to the Aerospace Environment Division, NASA Marshall Space Flight Center (MSFC), Alabama. Texas A&M University personnel extracted ordinate and angle data at each pressure contact and keypunched these and baseline data into cards. All sounding computations were made on an IBM 360/65 computer at Texas A&M University.

B. Methods of Processing. The procedure used to compute soundings is the same as that used on the AVE III and AVE IV data and is described by Fuelberg (1974) and Fuelberg and Turner (1975). All keypunched data were checked for errors by calculating centered differences on the input data. Processed soundings were further checked by calculating centered differences of wind direction and speed and by calculating the lapse rates of temperature and dew point. All questionable data were checked with

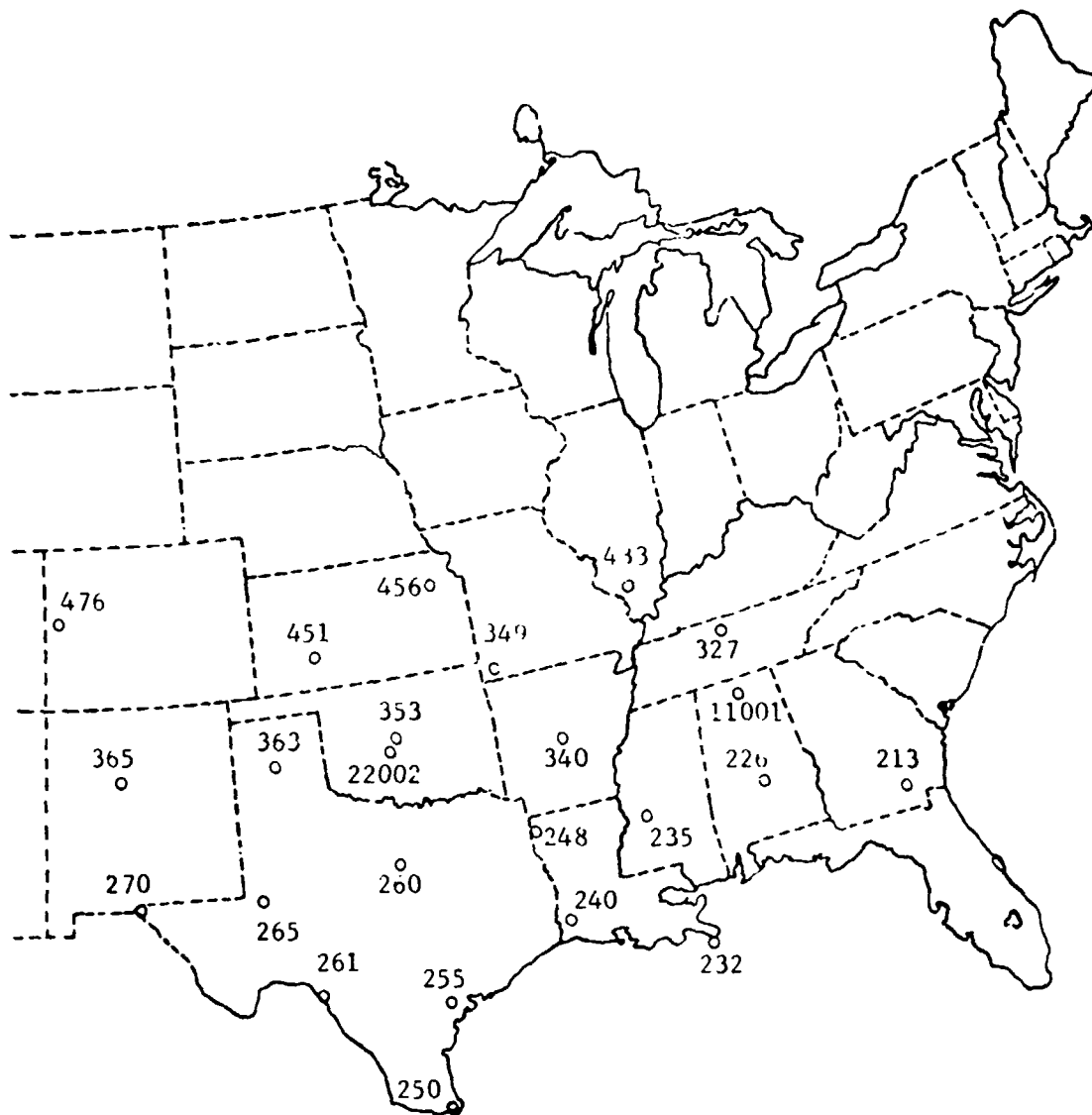


Fig. 1. Rawinsonde stations participating in the AVSSE I experiment.

Table 2

Rawinsonde Stations Participating in AVSSE I Experiment

<u>Station Number</u>	<u>Location</u>
213 (AYS)	Waycross, Georgia
226 (CEN)	Centerville, Alabama
232 (BVE)	Boothville, Louisiana
235 (JAN)	Jackson, Mississippi
240 (LCH)	Lake Charles, Louisiana
248 (SHV)	Shreveport, Louisiana
250 (BRO)	Brownsville, Texas
255 (VCT)	Victoria, Texas
260 (SEP)	Stephenville, Texas
261 (DRT)	Del Rio, Texas
265 (MAF)	Midland, Texas
270 (ELP)	El Paso, Texas
327 (BNA)	Nashville, Tennessee
340 (LIT)	Little Rock, Arkansas
349 (UMN)	Monett, Missouri
353 (OKC)	Oklahoma City, Oklahoma
363 (AMA)	Amarillo, Texas
365 (ABQ)	Albuquerque, New Mexico
433 (SLO)	Salem, Illinois
451 (DDC)	Dodge City, Kansas
456 (TCP)	Topeka, Kansas
476 (CJT)	Grand Junction, Colorado
11001 (MFS)	Marshall Space Flight Center, Alabama
22002 (FSI)	Fort Sill, Oklahoma

the original strip chart information, and any data found to be erroneous were corrected. All known errors are listed in Table 3.

Table 3

Known Errors Remaining in the Reduced Data

of the AVSSE I Experiment

<u>Station</u>	<u>Date/GMT</u>	<u>Error</u>
255 Victoria, Texas	27/2100	No data for first three minutes; recorder not turned on.

The final data sets of the AVSSE I experiment consist of data computed at each pressure contact and at 25-mb intervals. Thermodynamic quantities were computed at each pressure contact, while wind data were computed from 30-sec intervals by means of centered finite differences and subsequently smoothed and interpolated to each pressure contact. These detailed profiles were then interpolated to give the 25-mb data presented in this report.

Three important changes were made in the original computer program (Fuelberg, 1974). These changes are reflected in all soundings beginning with AVE III and remain in the program for AVSSE I. These changes are:

- 1) Humidity values, including dew point temperature, are computed only at temperatures above -40°C ; at temperatures below -40°C , humidity values are indicated by fields of nines as are missing values of humidity. The AVSSE I data contain computed moisture values down to a relative humidity of 1%; if the value of relative humidity is below 1%, it is set equal to 1% from which the other moisture variables are computed.
- 2) The second change involves the indication of winds which are based on low elevation angles. An asterisk following wind speed in the AVSSE I data means that

the elevation angle was between 10° and 6° . A double asterisk indicates that the elevation angle was less than 6° . Since winds computed at low elevation angles have large RMS errors, these data should be used with caution. 3) In the original computer program, 25-mb values of wind direction, scalar speed, and the u- and v-wind components were interpolated independently of each other. The program now interpolates the 25-mb values of u- and v-wind components and then determines wind direction and wind speed from the components. These changes appear in both the contact and 25-mb data.

IV. Discussion of Sounding Data

A. Accuracy Estimates. Estimates of the RMS errors in the thermodynamic quantities of the AVSSE I data are the same as those for all AVE experiments and those given by Fuelberg (1974). These estimates are:

<u>Parameter</u>	<u>Approximate RMS Error</u>
Temperature	1°C
Pressure	1.3 mb from surface to 400 mb; 1.1 mb between 400 and 100 mb; 0.7 mb between 100 and 10 mb.
Humidity	10 percent
Pressure Altitude	10 gpm at 500 mb; 20 gpm at 300 mb; 50 gpm at 50 mb.

The RMS errors for wind speed and direction are difficult to describe since they are a function of tracking geometry and other factors. Maximum RMS errors for winds computed at 30-sec intervals (based on the worst geometric tracking configuration) are: at 700 mb about 2.5 mps at an elevation angle of 10° and about 0.5 mps at an elevation angle of 60° ; at 500 mb, 4.5 mps and 0.8 mps for the same elevation angles; and at 300 mb, 7.8 mps and 1.0 mps, respectively. After assuming typical values of scalar wind speed at the various levels, maximum RMS errors in wind direction were

determined. The maximum RMS errors at 700 mb range from about 9.5° at an elevation angle of 10° to about 1.3° at an elevation angle of 40° . At 500 mb the errors are 13.4° and 1.6° for the same elevation angles, while at 300 mb the maximum errors are 18.0° and 2.5° , respectively. The accuracy of the wind data at pressure contours and at 25-mb intervals is greater than that stated for the 30-sec winds because of the added smoothing and interpolation performed. In addition, errors cited for the 30-sec winds were maxima for the stated conditions.

B. Tabulated Data. An example of AVSSE I contact data is given in Table 4. An explanation of the column headings is given in Table 5, and a list of missing soundings is given in Table 6. In Table 4, the first line of data for the time of 0.0 minutes is surface data. A series of nines is used to indicate missing data. The three numbers in the upper right-hand side of each page are the number of pressure contacts computed, the minimum pressure obtained (mb), and an angle identifier with the value 0 for 30-sec angle input and 1 for 1-min angle input. The contact data are available in paper form or on magnetic tape from the George C. Marshall Space Flight Center, Aerospace Environment Division, Space Sciences Laboratory, Marshall Space Flight Center, Alabama 35812.

The contact data interpolated for 25-mb intervals are presented following Section V. The column headings are identical to those used for the contact data and are described in Table 5. The soundings are arranged by time and appear in ascending order by station number for each time. The first line of data indicates the surface report which is followed by data from 1000 to 25 mb. In cases where the surface pressure is less than the given 25-mb pressure value, missing data (nines) are indicated for each quantity. This is also done when the sounding terminates before the 25-mb level is reached.

Table 4. Example of Contact Data

STATION NO. 213
WAYCROSS, GA

27 APRIL 1975

1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

166 24. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PC DG K	E POT DG K	AX RTO CM/KG	PH PCT	RANGE KM	AZ DG
0.0	3.7	44.0	1013.6	17.6	17.0	210.0	1.5	0.7	1.3	291.2	322.3	12.1	96.0	0.0	0.
0.2	4.0	83.2	1009.0	19.6	18.9	24.4	4.3	-1.8	-3.9	293.8	329.3	13.6	96.0	0.2	3.
0.5	5.0	187.0	997.0	22.6	20.0	24.4	4.3	-1.8	-3.9	298.0	337.2	15.0	85.5	0.2	3.
1.0	6.0	301.9	984.0	23.0	17.8	69.9	1.2	-1.1	-0.4	299.3	334.3	13.2	72.7	0.1	335.
1.3	7.0	409.1	972.0	22.4	17.1	162.6	1.9	-0.6	1.8	298.6	333.6	12.3	72.3	0.2	341.
1.7	8.0	508.3	961.0	22.4	16.2	175.1	3.0	-0.3	3.0	300.5	332.9	12.1	68.0	0.2	346.
2.0	9.0	608.6	950.0	22.1	16.2	171.6	2.4	-0.4	2.4	301.3	334.4	12.3	69.2	0.3	349.
2.4	10.0	719.3	938.0	21.5	15.8	149.7	1.5	-0.9	1.3	301.7	334.2	12.1	69.9	0.3	347.
2.8	11.0	840.4	925.0	20.8	14.8	139.1	1.7	-1.1	1.3	302.2	333.2	11.5	68.2	0.4	344.
3.2	12.0	944.0	914.0	20.0	14.0	138.8	2.2	-1.5	1.7	302.3	332.2	11.1	68.4	0.4	342.
3.6	13.0	1048.5	903.0	19.4	13.0	135.6	2.8	-1.9	2.0	302.6	331.1	10.5	66.7	0.5	339.
3.9	14.0	1154.1	892.0	18.9	12.2	127.0	3.0	-2.4	1.8	303.2	330.7	10.1	65.1	0.5	337.
4.3	15.0	1251.0	882.0	17.9	13.0	115.9	3.4	-3.0	1.5	303.1	332.3	10.7	72.8	0.6	332.
4.8	16.0	1378.2	869.0	16.9	14.0	104.7	3.6	-3.4	1.1	303.6	336.9	12.3	87.7	0.7	324.
5.1	17.0	1477.1	859.0	15.9	14.4	106.2	3.5	-3.3	1.0	303.5	336.4	12.2	91.1	0.7	322.
5.5	18.0	1566.9	848.0	15.1	13.2	102.2	3.3	-3.2	0.7	303.7	334.6	11.4	88.6	0.8	319.
5.9	19.0	1687.6	838.0	14.7	12.4	86.7	2.9	-2.9	-0.2	304.2	334.0	10.9	86.2	0.8	315.
6.2	20.0	1789.3	828.0	13.9	11.4	72.2	2.6	-2.5	-0.8	304.4	332.5	10.3	84.4	0.9	313.
6.7	21.0	1923.1	815.0	13.4	10.6	55.9	2.4	-2.0	-1.4	305.1	332.4	9.9	83.4	0.9	308.
7.0	22.0	2027.1	805.0	12.4	9.8	50.3	2.3	-1.9	-1.3	305.1	331.4	9.5	84.1	0.9	305.
7.4	23.0	2132.1	795.0	11.5	9.2	50.1	1.9	-1.6	-1.0	305.2	330.8	9.3	85.9	0.9	302.
7.8	24.0	2237.4	786.0	10.7	8.6	52.8	1.4	-1.1	-0.8	305.3	330.1	9.0	86.3	0.9	299.
8.1	25.0	2334.3	776.0	9.8	7.7	44.7	1.0	-0.7	-0.7	305.4	329.2	8.6	84.5	0.9	294.
8.6	26.0	2404.0	764.0	9.5	7.2	359.8	0.7	0.0	-0.7	306.4	328.8	8.4	85.7	0.9	297.
8.9	27.0	2573.5	754.0	8.9	5.7	333.5	1.0	0.4	-0.9	306.8	328.4	7.7	80.1	0.9	297.
9.3	28.0	2673.1	745.0	8.2	6.0	324.7	1.5	0.8	-1.2	307.1	329.4	7.9	86.0	0.9	296.
9.6	29.0	2773.6	736.0	7.2	5.2	328.3	1.8	0.9	-1.5	307.0	328.3	7.6	87.1	0.9	295.
9.9	30.0	2866.2	726.0	6.3	4.5	333.8	2.0	0.9	-1.8	307.2	327.9	7.3	88.4	0.8	295.
10.3	31.0	2968.7	717.0	5.6	4.1	341.0	2.2	0.7	-2.1	307.5	327.9	7.2	89.9	0.8	292.
10.6	32.0	3092.1	708.0	4.8	2.9	343.4	2.2	0.6	-2.1	307.7	326.7	6.7	87.8	0.8	299.
11.0	33.0	3196.5	699.0	3.9	2.4	349.4	2.1	0.4	-2.0	307.8	326.4	6.5	89.7	0.7	285.
11.4	34.0	3301.9	690.0	3.1	2.4	347.7	1.9	0.4	-1.8	308.0	326.9	6.6	85.3	0.7	282.
11.7	35.0	3408.4	681.0	2.3	1.2	342.5	1.8	0.6	-1.7	308.2	325.9	6.2	92.7	0.7	280.
12.2	36.0	3540.2	670.0	2.0	0.2	331.6	2.1	1.0	-1.9	309.2	325.0	5.8	88.2	0.7	276.
12.5	37.0	3649.5	661.0	1.6	-3.3	327.1	2.5	1.4	-2.1	309.9	323.2	4.6	69.7	0.7	274.
12.9	38.0	3747.7	653.0	1.5	-5.4	325.8	3.2	1.8	-2.7	310.7	322.3	3.9	60.0	0.6	271.
13.3	39.0	3847.0	645.0	1.3	-10.0	323.7	3.9	2.3	-3.1	311.5	319.9	2.8	42.8	0.6	262.
13.6	40.0	3940.0	636.0	0.7	-12.2	320.9	4.2	2.7	-3.3	311.9	319.2	2.4	37.4	0.6	254.
14.1	41.0	4087.1	626.0	-0.1	-13.5	312.2	4.5	3.3	-3.0	312.4	319.1	2.2	35.6	0.5	251.
14.4	42.0	4190.1	618.0	-0.4	-14.1	303.2	4.6	3.7	-2.6	313.2	319.7	2.1	34.1	0.5	232.
14.8	43.0	4307.2	609.0	-1.1	-14.9	296.2	4.6	4.1	-2.0	313.8	320.0	2.0	34.1	0.5	219.
15.3	44.0	4412.6	601.0	-1.7	-19.5	288.3	4.5	4.3	-1.4	314.2	318.5	1.4	24.2	0.4	202.
15.6	45.0	4519.2	593.0	-2.0	-22.6	280.3	4.4	4.3	-1.2	315.0	318.4	1.0	18.8	0.4	191.
16.0	46.0	4627.0	585.0	-2.5	-26.7	268.2	4.3	4.1	-1.3	315.6	318.0	0.7	13.5	0.4	176.
16.4	47.0	4722.4	578.0	-2.8	-51.7	294.6	4.3	3.9	-1.8	316.2	316.4	0.1	1.0	0.5	168.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL F.
DE POOR QUAL.

Table 4 (cont)

STATION NO. 213
WAYCROSS, GA

27 APRIL 1975

1115 GMT

IN THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

166 26.1

	CNTCT	WEIGHT GPM	PRES MR	TEMP DEG C	DEW P DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
16.8	49.0	4832.7	570.0	-3.2	-32.0	301.5	4.3	3.7	-2.3	317.0	317.2	0.1	1.0	0.6 159.	
17.2	49.0	4944.3	562.0	-4.0	-48.7	309.1	4.5	3.5	-2.8	317.3	317.6	0.1	1.6	0.7 154.	
17.6	50.0	5042.6	555.0	-4.9	-51.0	317.7	4.6	3.2	-3.5	317.4	317.6	0.0	1.0	0.8 151.	
18.1	51.0	5165.6	545.0	-5.7	-53.5	325.6	5.2	2.6	-4.5	318.2	318.3	0.0	1.0	0.9 148.	
18.5	52.0	5301.2	537.0	-6.7	-54.2	337.4	5.5	2.1	-5.0	318.3	318.4	0.0	1.0	1.0 150.	
19.1	53.0	5403.5	530.0	-7.4	-54.6	341.9	5.7	1.7	-5.0	318.6	318.7	0.0	1.0	1.2 152.	
19.7	54.0	5526.8	523.0	-8.5	-55.3	341.4	5.0	1.6	-4.7	318.6	318.7	0.0	1.0	1.3 153.	
20.1	55.0	5624.2	515.0	-9.0	-55.6	339.6	4.6	1.6	-4.3	317.3	317.4	0.0	1.0	1.4 154.	
20.6	56.0	5762.3	506.0	-9.9	-56.2	335.8	4.4	1.8	-4.0	319.8	319.9	0.0	1.0	1.5 154.	
21.0	57.0	5854.2	500.0	-10.8	-56.7	330.2	4.5	2.2	-3.9	319.9	320.0	0.0	1.0	1.6 154.	
21.4	58.0	5977.9	492.0	-11.6	-57.3	326.8	4.9	2.7	-4.1	320.3	320.4	0.0	1.0	1.7 154.	
21.8	59.0	6071.8	486.0	-12.2	-57.6	324.8	5.6	3.2	-4.5	321.7	320.8	0.0	1.0	1.9 153.	
22.2	60.0	6182.5	479.0	-13.2	-57.3	322.8	6.0	3.6	-4.9	323.8	321.0	0.0	1.0	2.0 152.	
22.6	61.0	6294.4	472.0	-14.1	-57.9	322.8	6.6	4.0	-5.3	321.0	321.1	0.0	1.0	2.2 152.	
23.0	62.0	6407.6	465.0	-15.0	-57.4	322.1	6.7	4.1	-5.3	321.3	321.5	0.0	1.3	2.3 151.	
23.4	63.0	6505.6	459.0	-15.9	-57.3	321.4	6.5	4.0	-5.1	321.3	322.0	0.2	8.2	2.5 150.	
23.8	64.0	6627.2	452.0	-16.8	-58.4	321.4	6.1	3.8	-4.8	321.7	322.1	0.1	4.4	2.7 150.	
24.2	65.0	6735.2	445.0	-17.6	-59.0	322.0	6.0	3.7	-4.8	322.1	322.4	0.1	4.0	2.8 149.	
24.6	66.0	6813.7	437.0	-18.6	-59.5	324.4	6.2	3.6	-5.1	322.2	322.5	0.1	4.1	3.0 149.	
25.0	67.0	6976.5	431.0	-19.6	-58.9	324.0	6.4	3.6	-5.3	322.5	322.8	0.1	5.4	3.1 148.	
25.4	68.0	7080.4	425.0	-20.6	-58.7	327.4	6.9	3.6	-5.9	322.6	323.2	0.2	9.4	3.3 148.	
25.8	69.0	7203.1	418.0	-21.7	-58.1	329.1	7.3	3.8	-6.3	322.7	323.5	0.2	13.6	3.4 148.	
26.2	70.0	7307.4	412.0	-22.3	-57.0	329.1	8.1	4.3	-6.9	323.2	324.0	0.2	14.7	3.6 149.	
26.6	71.0	7435.1	405.0	-23.3	-53.0	327.1	9.6	5.2	-8.1	323.6	324.3	0.2	14.3	3.9 149.	
27.0	72.0	7548.2	398.0	-24.1	-53.9	328.3	10.7	5.6	-9.1	323.9	324.6	0.2	13.9	4.2 149.	
27.4	73.0	7654.6	393.0	-24.9	-54.5	330.5	11.5	5.6	-10.0	324.2	324.9	0.2	14.0	4.4 149.	
27.8	74.0	7760.3	387.0	-25.8	-55.2	333.1	11.9	5.4	-10.6	324.5	325.1	0.2	14.1	4.7 149.	
28.2	75.0	7879.4	381.0	-26.1	-59.4	336.0	12.0	4.9	-10.9	325.5	326.0	0.1	9.0	5.0 148.	
28.6	76.0	7994.2	375.0	-26.6	-57.7	339.1	11.8	4.2	-11.1	326.3	326.5	0.0	3.5	5.4 150.	
29.0	77.0	8090.9	370.0	-27.5	-59.5	340.6	11.6	3.9	-11.2	326.3	326.5	0.0	3.0	5.7 150.	
29.4	78.0	8208.3	364.0	-28.6	-57.4	340.8	11.8	3.9	-11.1	326.4	326.6	0.0	4.3	6.0 151.	
29.8	79.0	8327.1	358.0	-29.5	-55.3	340.1	11.6	3.9	-10.9	326.7	327.0	0.1	6.1	6.3 151.	
30.2	80.0	8427.3	353.0	-30.5	-54.5	339.1	11.4	4.1	-10.7	326.8	327.0	0.1	7.4	6.6 152.	
30.6	81.0	8509.3	348.0	-31.7	-53.2	337.1	11.8	4.5	-10.9	327.0	327.3	0.1	9.7	7.0 152.	
31.0	82.0	8692.8	340.0	-32.7	-53.1	336.8	12.4	4.9	-11.4	327.2	327.5	0.1	10.9	7.3 152.	
31.4	83.0	8797.0	335.0	-33.5	-53.7	335.4	13.3	5.5	-12.1	327.5	327.8	0.1	11.0	7.6 153.	
31.8	84.0	8902.4	330.0	-34.1	-55.8	333.9	14.2	6.2	-12.8	328.2	328.4	0.1	9.0	8.0 153.	
32.2	85.0	9030.7	324.0	-34.9	-56.8	333.1	14.9	6.8	-13.3	328.8	329.0	0.1	8.5	8.4 153.	
32.6	86.0	9160.8	317.0	-35.8	-58.0	332.4	15.8	7.3	-14.0	329.2	329.4	0.0	8.1	8.9 153.	
33.0	87.0	9270.8	311.0	-36.8	-58.1	331.8	16.6	7.8	-14.6	329.4	329.6	0.0	8.8	9.2 153.	
33.4	88.0	9347.0	308.0	-37.8	-59.3	330.9	17.4	8.4	-15.2	329.6	329.7	0.0	8.3	9.6 153.	
33.8	89.0	9494.6	303.0	-38.9	-59.9	329.3	18.4	9.4	-15.8	329.7	329.9	0.0	999.9	10.2 152.	
34.2	90.0	9608.6	298.0	-39.7	-59.9	328.1	19.0	10.0	-16.1	330.1	330.1	0.0	999.9	10.7 152.	
34.6	91.0	9724.1	293.0	-40.7	-59.9	327.8	19.4	10.3	-16.4	330.3	330.3	0.0	999.9	11.1 152.	
35.0	92.0	9841.1	288.0	-41.5	-59.9	326.5	19.9	10.1	-17.2	330.7	330.7	0.0	999.9	11.7 152.	

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Table 4 (cont)

STATION NO. 213
WAYCROSS, GA

27 APRIL 1975

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

106 24. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
36.2	93.0	9959.7	283.0	-42.2	99.9	332.6	20.6	9.5	-18.3	331.4	999.9	99.9	999.9	12.2 152.	
36.6	94.0	10055.8	279.0	-43.1	99.9	336.7	21.8	8.6	-20.0	331.5	999.9	99.9	999.9	12.7 152.	
37.1	95.0	10177.5	274.0	-43.9	99.9	342.0	23.7	7.3	-22.6	332.0	999.9	99.9	999.9	13.3 152.	
37.6	96.0	10325.9	268.0	-44.6	99.9	346.4	25.9	6.1	-25.2	333.0	999.9	99.9	999.9	14.1 153.	
38.0	97.0	10451.7	263.0	-45.5	99.9	349.1	27.5	5.2	-27.0	333.5	999.9	99.9	999.9	14.7 153.	
38.5	98.0	10553.6	259.0	-46.8	99.9	351.1	29.3	4.5	-28.9	333.0	999.9	99.9	999.9	15.5 154.	
38.9	99.0	10656.6	255.0	-47.7	99.9	351.6	30.5	4.4	-30.7	333.2	999.9	99.9	999.9	16.2 155.	
39.1	100.0	10767.1	250.0	-48.6	99.9	351.7	31.4	4.6	-31.1	333.8	999.9	99.9	999.9	17.1 156.	
40.1	101.0	10919.6	245.0	-49.7	99.9	351.3	31.5	4.8	-31.2	334.1	999.9	99.9	999.9	18.2 157.	
40.5	102.0	11054.3	240.0	-50.6	99.9	350.3	30.6	5.1	-30.2	334.7	999.9	99.9	999.9	19.1 158.	
41.0	103.0	11163.6	236.0	-51.4	99.9	348.4	29.3	5.9	-28.7	335.1	999.9	99.9	999.9	20.1 158.	
41.5	104.0	11274.3	232.0	-52.5	99.9	346.2	28.4	6.8	-27.6	335.0	999.9	99.9	999.9	21.5 159.	
41.9	105.0	11386.5	228.0	-53.5	99.9	345.1	28.2	7.2	-27.3	335.2	999.9	99.9	999.9	22.4 159.	
42.4	106.0	11500.2	224.0	-54.2	99.9	344.4	28.8	7.7	-27.7	335.9	999.9	99.9	999.9	23.2 159.	
42.9	107.0	11644.6	219.0	-55.3	99.9	343.8	30.1	8.4	-28.9	336.3	999.9	99.9	999.9	24.2 159.	
43.4	108.0	11762.0	215.0	-56.2	99.9	343.1	31.8	9.3	-30.5	336.8	999.9	99.9	999.9	25.1 160.	
43.9	109.0	11951.0	212.0	-57.2	99.9	342.3	34.0	10.4	-32.4	336.5	999.9	99.9	999.9	26.4 160.	
44.5	110.0	11971.2	208.0	-58.4	99.9	341.7	36.9	11.6	-35.1	336.4	999.9	99.9	999.9	27.6 160.	
45.0	111.0	12124.0	203.0	-59.2	99.9	342.3	38.5	11.7	-36.7	337.7	999.9	99.9	999.9	29.7 160.	
45.4	112.0	12248.4	199.0	-60.1	99.9	343.2	39.0	11.3	-37.3	338.2	999.9	99.9	999.9	32.1 160.	
45.9	113.0	12374.4	195.0	-61.2	99.9	344.1	39.5	10.8	-37.9	338.3	999.9	99.9	999.9	33.4 160.	
46.4	114.0	12503.2	191.0	-62.3	99.9	344.2	39.7	10.8	-38.2	338.5	999.9	99.9	999.9	34.4 160.	
46.9	115.0	12600.7	186.0	-63.3	99.9	343.1	39.2	11.4	-37.5	338.5	999.9	99.9	999.9	35.5 160.	
47.5	116.0	12756.1	183.0	-64.1	99.9	340.8	38.1	12.5	-36.0	339.6	999.9	99.9	999.9	36.6 160.	
47.9	117.0	12867.3	180.0	-64.5	99.9	339.2	37.9	13.5	-35.4	340.8	999.9	99.9	999.9	37.6 160.	
48.4	118.0	13004.5	176.0	-64.9	99.9	337.0	34.6	15.1	-35.5	342.3	999.9	99.9	999.9	38.5 160.	
48.9	119.0	13109.1	173.0	-66.1	99.9	334.7	40.6	17.3	-36.7	342.0	999.9	99.9	999.9	39.5 160.	
49.3	120.0	13250.6	169.0	-67.2	99.9	333.7	41.7	18.5	-37.4	342.5	999.9	99.9	999.9	40.2 160.	
49.8	121.0	13358.4	166.0	-68.0	99.9	333.9	41.3	18.1	-37.1	342.8	999.9	99.9	999.9	41.1 160.	
50.3	122.0	13504.6	162.0	-68.9	99.9	335.2	39.0	16.3	-35.4	343.7	999.9	99.9	999.9	42.1 159.	
50.7	123.0	13616.2	159.0	-69.6	99.9	336.0	37.2	15.1	-34.9	344.4	999.9	99.9	999.9	43.2 159.	
51.2	124.0	13729.7	156.0	-69.8	99.9	336.1	36.0	14.6	-32.9	345.9	999.9	99.9	999.9	44.3 159.	
51.7	125.0	13884.2	152.0	-70.5	99.9	335.6	35.7	14.8	-32.5	347.3	999.9	99.9	999.9	45.3 159.	
52.3	126.0	14042.1	148.0	-71.3	99.9	335.0	34.6	14.6	-31.3	348.7	999.9	99.9	999.9	46.4 159.	
52.7	127.0	14163.6	145.0	-70.1	99.9	334.4	32.9	14.2	-29.6	352.2	999.9	99.9	999.9	47.3 159.	
53.3	128.0	14246.7	143.0	-67.8	99.9	331.5	29.8	14.2	-26.2	358.1	999.9	99.9	999.9	48.2 159.	
53.8	129.0	14417.6	139.0	-67.2	99.9	325.8	28.4	16.0	-23.5	362.2	999.9	99.9	999.9	49.1 158.	
54.4	130.0	14549.7	136.0	-65.7	99.9	318.0	29.3	17.6	-21.8	367.1	999.9	99.9	999.9	50.4 157.	
55.0	131.0	14731.3	132.0	-65.3	99.9	315.2	32.3	22.3	-22.9	371.0	999.9	99.9	999.9	51.4 157.	
55.6	132.0	14871.5	129.0	-64.5	99.9	315.1	31.6	15.3	-18.4	374.9	999.9	99.9	999.9	52.4 156.	
56.1	133.0	15015.5	126.0	-64.1	99.9	313.4	26.8	16.6	-14.1	376.1	999.9	99.9	999.9	53.2 156.	
56.6	134.0	15162.8	123.0	-64.9	99.9	310.4	21.8	15.7	-13.2	379.3	999.9	99.9	999.9	54.1 156.	
57.2	135.0	15313.3	120.0	-65.3	99.9	310.1	20.5	16.7	-10.3	381.2	999.9	99.9	999.9	55.1 156.	
57.9	136.0	15467.3	117.0	-65.7	99.9	314.3	23.4	17.7	-10.4	383.2	999.9	99.9	999.9	56.1 156.	
58.5	137.0	15625.0	114.0	-65.9	99.9	317.5	26.3			385.7	999.9	99.9	999.9		

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Table 4 (cont)

STATION NO. 213
WAYCROSS, GA27 APRIL 1975
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

166 200 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIM DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
59.2	138.0	15786.9	111.0	-65.9	99.9	319.4	28.3	18.4	-21.5	388.6	999.9	99.9	999.9	55.2 155	
59.9	139.0	16009.4	107.0	-66.5	99.9	321.5	28.6	17.4	-22.4	391.5	999.9	99.9	999.9	56.4 155	
60.6	140.0	16191.4	104.0	-66.7	99.9	324.6	28.6	15.4	-21.6	394.3	999.9	99.9	999.9	47.6 155	
61.3	141.0	16356.1	101.0	-67.4	99.9	326.8	28.5	13.0	-19.0	396.4	999.9	99.9	999.9	56.6 155	
62.0	142.0	16533.0	98.0	-67.2	99.9	325.1	23.0	13.1	-18.4	396.4	999.9	99.9	999.9	59.5 155	
62.7	143.0	16725.5	95.0	-67.6	99.9	319.0	24.7	16.2	-18.7	403.0	999.9	99.9	999.9	60.5 154	
63.5	144.0	16944.6	91.0	-67.4	99.9	313.1	25.7	18.7	-17.5	406.4	999.9	99.9	999.9	61.7 154	
64.3	145.0	17146.6	88.0	-67.6	99.9	313.9	24.2	17.4	-16.8	411.9	999.9	99.9	999.9	62.8 153	
65.0	146.0	17305.3	85.0	-67.8	99.9	315.2	21.5	15.1	-15.3	415.6	999.9	99.9	999.9	63.8 153	
65.8	147.0	17611.8	82.0	-67.0	99.9	313.5	14.2	13.0	-13.2	421.6	999.9	99.9	999.9	64.6 153	
66.5	148.0	17836.7	79.0	-67.4	99.9	312.9	19.3	13.4	-12.4	425.3	999.9	99.9	999.9	65.4 152	
67.4	149.0	18071.7	76.0	-64.5	99.9	314.7	15.2	10.0	-11.4	436.1	999.9	99.9	999.9	66.3 152	
68.3	150.0	18317.1	73.0	-65.7	99.9	313.3	10.3	7.5	-7.1	438.6	999.9	99.9	999.9	67.0 152	
69.1	151.0	18483.5	71.0	-65.7	99.9	307.2	8.9	7.1	-5.4	442.1	999.9	99.9	999.9	67.3 152	
70.0	152.0	18749.2	68.0	-64.3	99.9	314.0	10.2	7.2	-7.1	450.6	999.9	99.9	999.9	67.8 152	
70.9	153.0	19024.3	65.0	-65.7	99.9	311.6	8.0	6.0	-5.3	453.4	999.9	99.9	999.9	68.4 152	
71.8	154.0	19311.0	62.0	-66.3	99.9	324.3	6.5	3.8	-5.3	458.1	999.9	99.9	999.9	68.6 152	
72.8	155.0	19614.9	59.0	-61.5	99.9	346.6	9.9	2.3	-9.7	475.4	999.9	99.9	999.9	69.1 152	
73.8	156.0	19937.4	56.0	-62.9	99.9	347.3	8.5	1.9	-8.3	479.5	999.9	99.9	999.9	69.7 152	
74.8	157.0	20162.0	54.0	-61.7	99.9	357.8	6.4	0.2	-6.4	487.2	999.9	99.9	999.9	70.1 152	
75.9	158.0	20517.0	51.0	-60.4	99.9	356.5	7.5	0.5	-7.5	498.3	999.9	99.9	999.9	70.4 152	
77.0	159.0	20895.8	48.0	-59.3	99.9	0.7	4.1	-0.1	-4.1	509.6	999.9	99.9	999.9	71.1 152	
78.2	160.0	21300.2	45.0	-59.2	99.9	159.9	6.0	-2.3	6.2	519.5	999.9	99.9	999.9	70.8 152	
79.4	161.0	21585.1	43.0	-59.2	99.9	135.7	9.3	-6.5	6.7	526.3	999.9	99.9	999.9	70.0 152	
80.7	162.0	22041.4	40.0	-56.3	99.9	11.5	3.3	-0.7	-3.2	544.4	999.9	99.9	999.9	69.8 153	
82.1	163.0	22539.6	37.0	-53.7	99.9	43.5	5.6	-3.8	-4.0	563.5	999.9	99.9	999.9	70.2 153	
83.6	164.0	22997.0	35.0	-53.5	99.9	32.2	6.6	-4.6	-7.3	572.9	999.9	99.9	999.9	70.3 153	
85.1	165.0	23476.6	32.0	-51.1	99.9	36.8	5.1	-3.1	-4.2	594.2	999.9	99.9	999.9	70.6 154	
86.7	166.0	24119.3	29.0	-49.4	99.9	176.1	3.4	-0.2	3.4	615.9	999.9	99.9	999.9	70.6 154	
88.4	167.0	24836.7	26.0	-48.3	99.9	156.8	3.9	-1.5	3.6	638.5	999.9	99.9	999.9	70.5 154	
90.5	168.0	25362.5	24.0	-49.1	99.9	999.9	99.9	99.9	99.9	651.0	999.9	99.9	999.9	999.9 999	

Table 5
Explanation of Column Headings of Tabulated Sounding Data for
the AVSSE I Experiment

TIME (MIN)	Time after balloon release.
CNTCT	Contact number.
HEIGHT (GPM)	Height of corresponding pressure surface in geopotential meters.
PRES (MB)	Pressure in millibars.
TEMP (DG C)	Ambient temperature in degrees Celsius. Note: An asterisk indicates that time from release and/or temperature were linearly interpolated.
DEW PT (DG C)	Dew point temperature in degrees Celsius.
DIR (DG)	Wind direction measured clockwise from true north and is the direction from which the wind is blowing.
SPEED (M/SEC)	Scalar wind speed in meters per second. Note: An asterisk indicates that wind quantities are based on an elevation angle that is between 10° and 6°. A double asterisk indicates that the elevation angle is less than 6°.
U COMP (M/SEC)	The E-W wind component, positive toward the east and negative toward the west.
V COMP (M/SEC)	The N-S wind component, positive toward the north and negative toward the south.
POT T (DG K)	Potential temperature in degrees Kelvin.
E QV T (DG K)	Equivalent potential temperature in degrees Kelvin.
MX RTO (G/KG)	Mixing ratio in grams per kilogram.
RH (PC)	Relative humidity in percent.
RANGE (KM)	Distance balloon is from release point along a radius vector.
AZ (DG)	Direction toward balloon measured clockwise from true north.

Table 6

List of Soundings Not Taken in the AVSSE I Experiment

<u>Station</u>	<u>Date/Time</u>
226 Centerville, Alabama	27/1500
	27/1800
	27/2100
	28/0300
349 Monett, Missouri	27/1500
	27/1800
	27/2100
	28/0300
433 Salem, Illinois	27/1500
	27/1800
	27/2100
	28/0300
451 Dodge City, Kansas	27/1500
	27/1800
	27/2100
	28/0300
476 Grand Junction, Colorado	27/1500
	27/1800
	27/2100
	28/0300
232 Boothville, Louisiana	28/0300
248 Shreveport, Louisiana	28/0300
340 Little Rock, Arkansas	28/0300
353 Oklahoma City, Oklahoma	28/0300

V. Synoptic Charts

Synoptic charts for the beginning and ending of the observational period at the surface and 700-mb levels are presented in Figs. 2-5. These maps are intended to depict the overall synoptic features during the observational period and should be reanalyzed when accuracy is a key factor.

Acknowledgements

The tasks of processing the AVSSE I data and preparing this report required the efforts of approximately 15 people. The work is often tedious and yet must be performed with great care and speed. The authors are grateful to every person who worked diligently behind the scenes to accomplish this important task.

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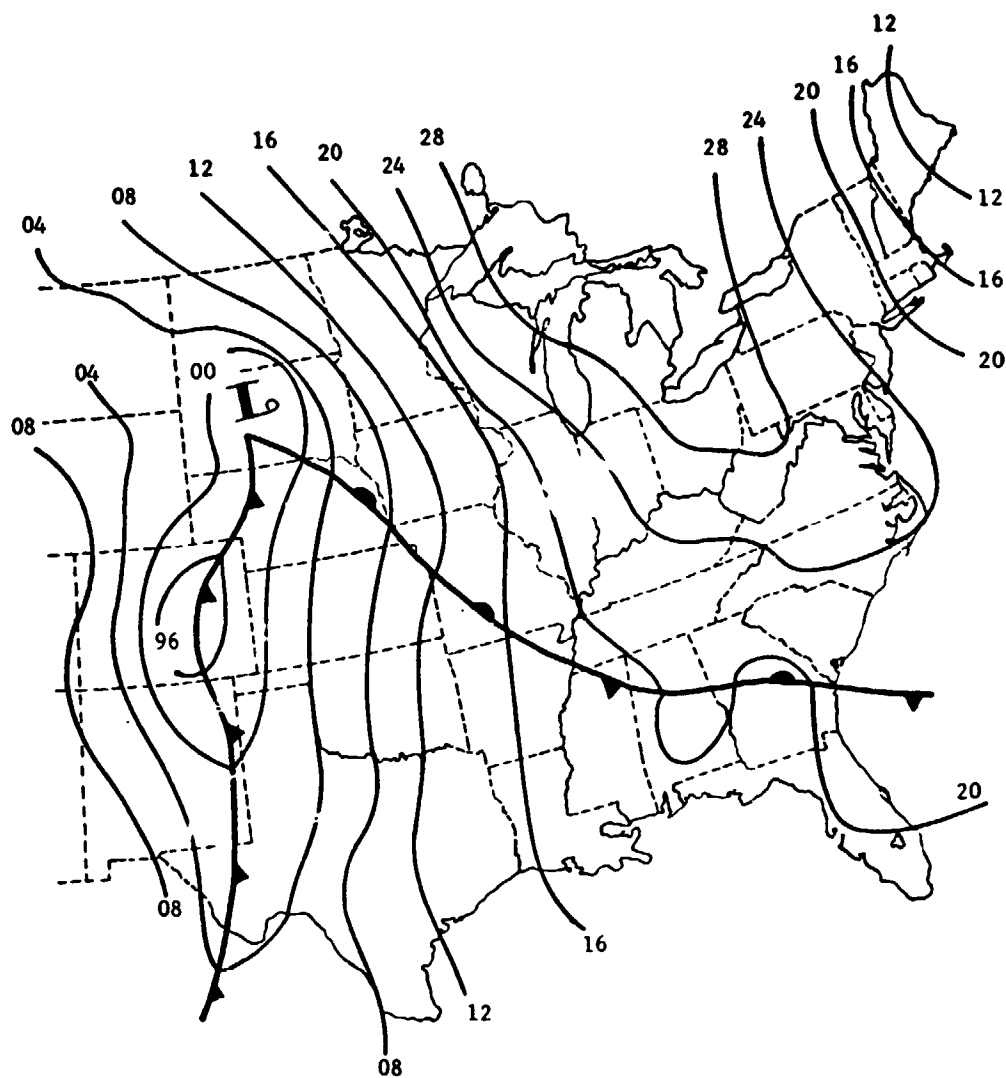


Fig. 2. Synoptic chart for the surface at 1200 GMT, 27 April 1975.

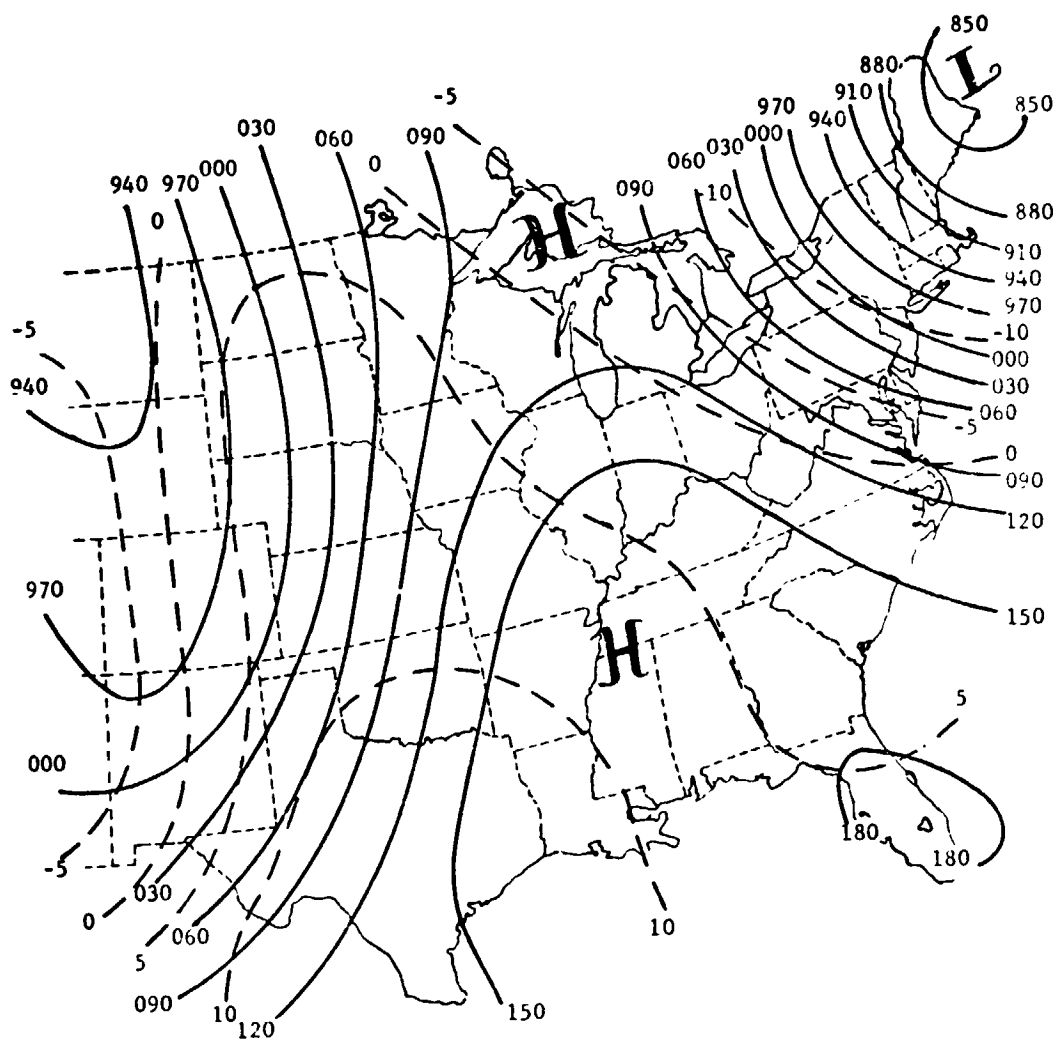


Fig. 3. Synoptic Chart for the 700-mb level at 1200 GMT, 27 April 1975.

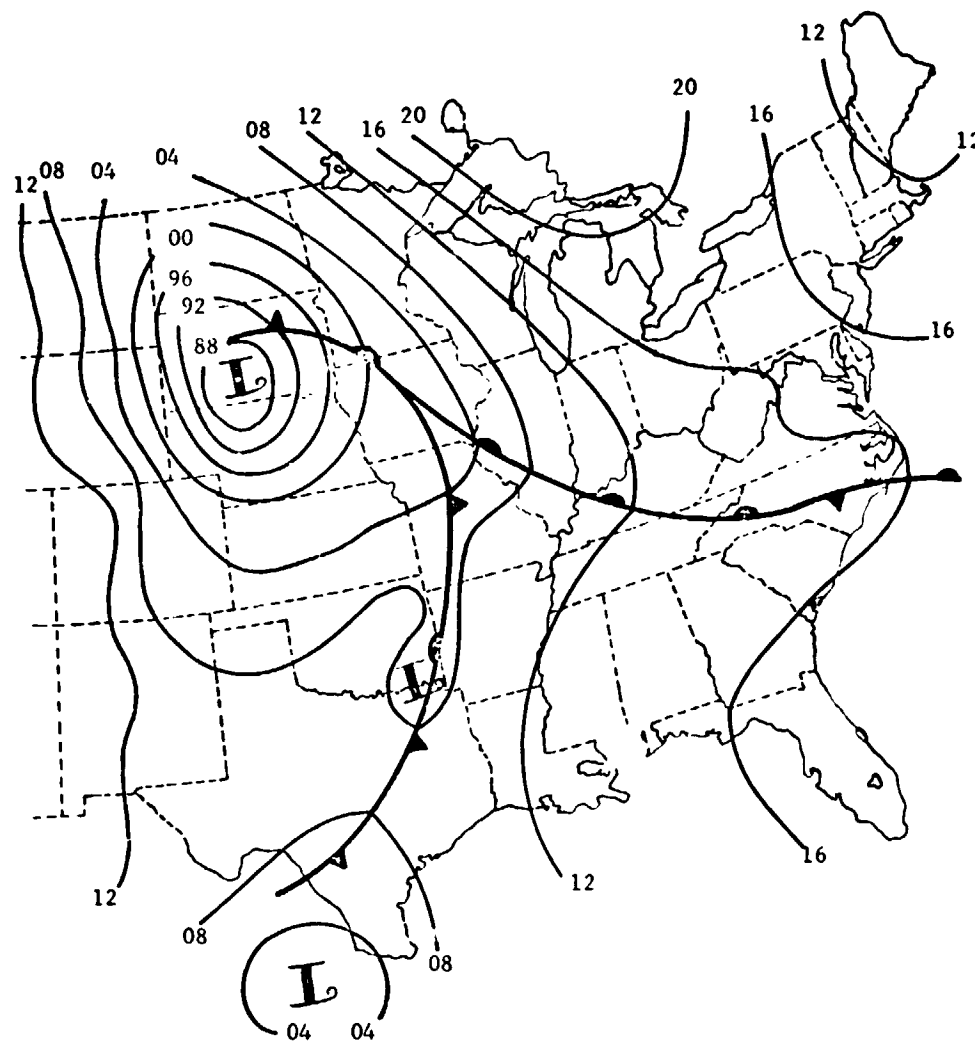


fig. 4. Synoptic chart for the surface at 1200 GMT, 20 April 1955.

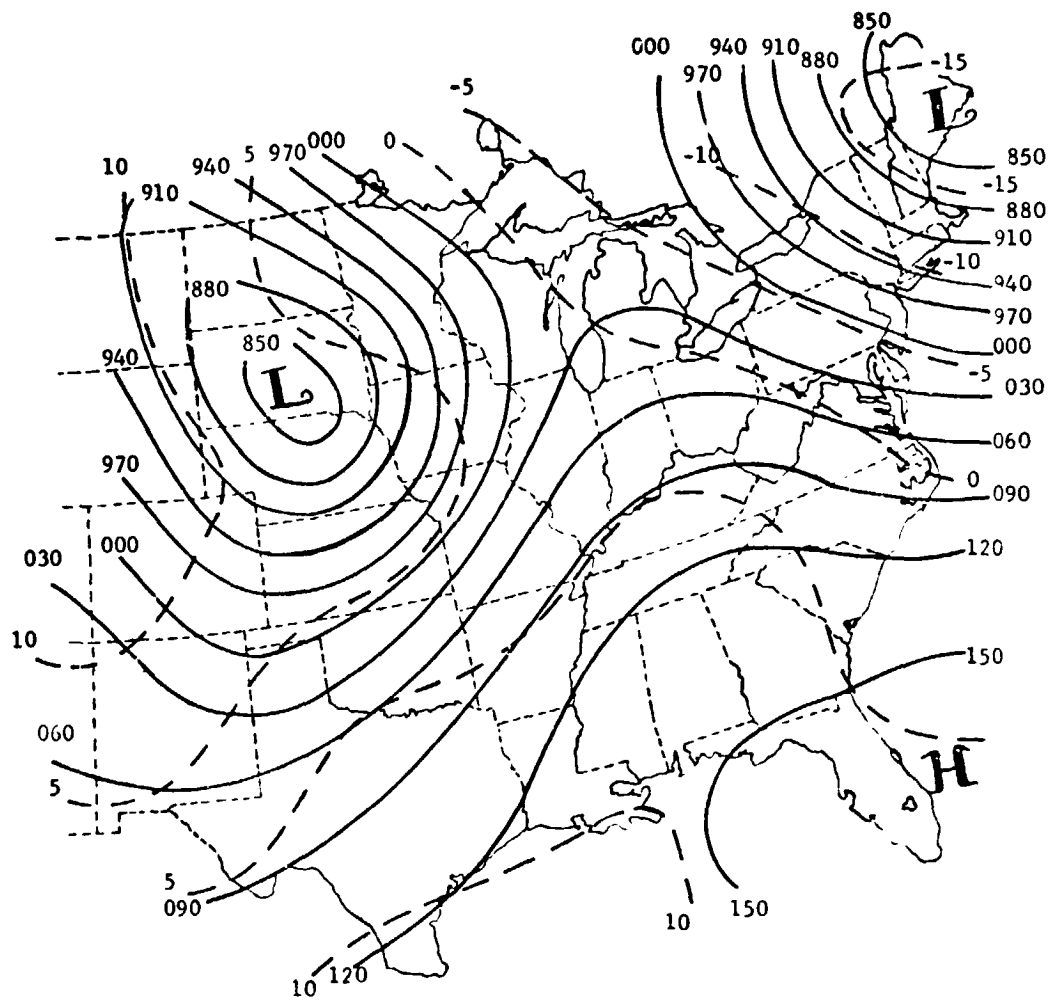


Fig. 5. Synoptic chart for the 100-mb level at 1200 GMT, 28 April 1975.

Sounding Data

27 April 1975

1200 GMT

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 213
WAYCROSS, GA

27 APRIL 1975

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

166 24. 1

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PJT T DG K	E POT Y DG K	MI RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.7	400	1013.6	17.6	17.0	210.0	1.5	0.7	1.3	291.2	322.3	12.1	96.0	0.0	0.
0.4	4.0	141.2	1000.0	21.4	19.7	24.4	4.3	-1.8	-3.9	296.9	335.2	14.7	89.2	0.2	3.
1.7	6.8	382.3	975.0	22.5	17.3	150.5	1.4	-0.7	1.3	290.6	333.7	12.9	72.4	0.1	139.
2.0	9.0	608.6	950.0	22.1	16.2	171.6	2.4	-0.4	2.4	301.3	334.4	12.	69.2	0.3	340.
2.3	11.0	840.4	925.0	20.8	14.8	139.1	1.7	-1.1	1.3	302.2	333.2	11.5	64.2	0.4	344.
3.7	13.3	1677.3	900.0	19.2	12.4	133.2	2.8	-2.0	1.9	302.7	331.0	10.4	66.2	0.5	338.
4.6	15.5	1419.5	875.0	17.4	14.0	111.9	3.5	-3.2	1.3	301.4	334.1	11.4	60.8	0.6	328.
5.6	17.8	1560.9	850.0	15.2	13.2	103.0	3.3	-3.7	0.7	303.7	334.9	11.5	49.1	0.8	319.
6.3	20.2	1820.2	825.0	13.9	11.2	68.7	2.6	-2.4	-0.9	304.5	332.5	10.2	84.2	0.9	311.
7.2	22.5	2074.6	800.0	12.0	9.5	4.2	2.1	-1.7	-1.2	305.1	331.1	9.4	35.0	0.9	303.
8.1	25.1	2365.1	775.0	9.8	7.7	42.2	1.3	-0.7	-0.7	305.5	329.2	8.5	86.4	0.9	298.
9.1	27.4	2617.8	750.0	8.6	5.8	329.8	1.2	0.6	-1.0	307.0	329.4	7.9	82.7	0.9	297.
9.9	30.1	2897.6	725.0	6.2	4.5	334.7	2.1	0.4	-1.9	307.3	327.9	7.3	88.6	0.8	294.
11.0	32.9	3114.9	700.0	4.0	2.5	342.0	2.1	0.4	-2.0	307.8	326.5	6.6	89.5	0.8	285.
12.0	35.4	3400.3	675.0	2.1	0.7	116.1	2.0	0.1	-1.4	308.8	326.0	6.0	90.2	0.7	278.
13.0	38.4	3704.9	650.0	1.4	-7.1	324.9	3.5	2.0	-2.8	311.0	321.4	3.5	111.5	0.6	267.
14.1	41.1	4100.0	625.0	-0.2	-13.6	311.3	4.5	3.4	-3.0	312.5	319.2	2.1	35.5	0.5	240.
15.3	44.1	4425.5	600.0	-1.7	-19.9	249.0	4.5	4.3	-1.4	314.3	318.5	1.3	23.5	0.4	200.
16.5	47.4	4763.8	575.0	-3.0	-51.4	27.2	4.3	3.4	-2.0	316.5	316.7	0.1	1.0	0.5	144.
17.8	50.5	5114.3	550.0	-5.3	-53.3	323.9	4.9	2.9	-4.6	318.6	314.7	0.0	1.0	1.3	153.
18.2	53.7	5477.3	525.0	-8.2	-55.1	341.3	5.1	1.6	-3.9	319.9	320.0	0.0	1.0	1.6	154.
20.6	57.0	5844.2	500.0	-10.8	-56.7	330.2	4.5	2.7	-3.9	320.9	321.0	0.0	1.0	2.1	152.
22.0	60.6	6246.4	475.0	-13.7	-58.6	321.5	6.1	3.3	-5.1	321.8	322.2	0.1	4.3	2.7	149.
23.5	64.3	6654.6	450.0	-17.0	-60.9	326.4	6.9	3.6	-5.9	322.6	323.2	0.2	9.4	3.3	149.
25.1	68.0	7030.4	425.0	-20.6	-64.7	326.4	10.5	5.5	-8.9	323.8	324.5	0.2	13.9	4.1	148.
26.8	71.8	7426.0	400.0	-23.9	-63.9	321.2	10.5	5.5	-11.1	326.3	326.5	0.0	1.5	5.4	150.
27.6	75.0	7844.2	375.0	-26.6	-57.7	337.1	11.4	4.2	-10.8	326.9	327.2	0.1	8.4	6.7	152.
30.6	80.4	8486.2	350.0	-31.0	-54.0	338.5	11.6	4.2	-13.2	328.7	328.9	0.1	6.6	8.3	153.
32.6	84.8	9009.3	325.0	-34.8	-50.7	333.2	14.9	6.7	-16.0	329.9	329.9	0.0	999.9	10.5	152.
34.7	89.6	9403.0	300.0	-39.4	99.9	328.6	14.7	9.1	-22.0	331.9	329.9	0.0	999.9	13.2	152.
37.0	94.6	10153.2	275.0	-43.8	99.9	321.0	23.3	7.2	-31.1	331.9	329.9	0.0	999.9	17.1	156.
39.4	100.0	10787.1	250.0	-48.6	99.9	351.7	31.4	6.0	-27.6	335.8	329.9	0.0	999.9	22.2	159.
42.1	105.8	11471.7	225.0	-54.0	99.9	344.0	28.6	7.6	-17.2	331.0	329.9	0.0	999.9	28.3	160.
45.3	111.6	12117.3	200.0	-59.5	99.9	342.9	30.9	11.4	-35.9	342.2	329.9	0.0	999.9	35.8	160.
48.0	117.3	13039.4	175.0	-65.3	99.9	336.2	33.3	15.3	-31.0	340.0	329.9	0.0	999.9	43.8	159.
51.0	125.5	13963.1	150.0	-70.3	99.9	315.3	35.1	14.7	-17.0	340.0	329.9	0.0	999.9	51.5	157.
54.3	133.1	15044.6	125.0	-64.3	99.9	312.5	25.1	18.5	-19.5	340.4	329.9	0.0	999.9	58.9	155.
61.5	141.3	16416.4	100.0	-68.0	99.9	326.3	23.5	13.0	-10.0	340.4	329.9	0.0	999.9	66.5	152.
67.7	149.3	18153.5	75.0	-64.9	99.9	317.3	13.6	9.2	-6.4	502.1	329.9	0.0	999.9	70.6	152.
74.3	158.3	20443.3	50.0	-60.1	99.9	257.4	6.4	0.3	-6.4	644.4	329.9	0.0	999.9	999.9	999.9
80.6	167.5	25049.8	25.0	-66.7	99.9	999.9	99.9	99.9	99.9	999.9	329.9	0.0	999.9	999.9	999.9

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 226
CENTERVILLE, ALA

27 APRIL 1975
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX WTD GM/KG	RH PCT	RANGE KM	A7 DG
0.0	5.8	140.0	1002.9	17.3	17.3	60.0	2.1	-1.8	-1.0	291.9	324.0	12.5	100.0	0.0	0.
0.2	6.0	144.5	1006.0	16.5	16.5	244.1	2.9	2.6	1.3	263.5	129.5	13.6	100.7	0.1	240.
1.0	8.4	353.7	975.0	19.8	19.4	209.2	1.6	0.8	1.4	297.1	335.6	14.8	100.7	0.1	315.
2.0	10.7	608.9	950.0	20.0	19.2	165.8	2.0	-0.5	1.9	299.5	339.0	15.0	100.7	0.2	315.
2.8	13.1	834.9	925.0	18.5	16.0	165.0	2.2	-0.6	2.2	299.9	333.1	12.5	100.7	0.3	315.
3.8	15.5	1074.5	900.0	17.6	13.7	135.3	2.7	-1.9	1.9	301.9	330.9	11.1	100.7	0.4	315.
4.0	17.9	1313.1	875.0	16.1	11.5	121.8	3.0	-2.6	1.6	301.9	324.5	9.8	100.7	0.6	325.
5.6	20.3	1561.5	850.0	14.4	8.8	133.7	4.1	-3.0	2.9	302.4	325.5	8.4	100.7	0.8	325.
6.6	22.8	1813.7	825.0	13.5	6.1	136.3	4.4	-3.0	2.9	303.8	323.8	7.2	100.7	1.0	325.
7.6	25.3	2072.6	800.0	12.0	5.1	148.8	4.3	-2.2	3.5	304.8	324.2	6.9	100.7	1.3	325.
8.6	27.8	2337.5	775.0	9.4	3.2	156.1	4.5	-1.8	4.2	304.7	322.2	6.2	100.7	1.5	325.
9.5	30.7	2606.0	750.0	8.0	-5.4	156.1	3.1	-1.1	2.9	305.7	315.9	3.5	100.7	1.8	325.
10.0	33.4	2888.4	725.0	7.5	-15.8	255.5	0.3	0.3	0.1	307.9	312.6	1.5	100.7	1.8	325.
11.6	36.1	3173.5	700.0	5.9	-17.4	349.9	1.4	0.3	-1.4	309.2	313.5	1.4	100.7	1.8	325.
12.7	39.0	3473.5	675.0	5.4	-10.8	21.4	3.2	-1.2	-2.9	312.0	313.5	2.5	100.7	1.7	325.
14.0	41.7	3786.6	650.0	3.0	-3.0	20.5	7.2	-3.5	-6.3	312.7	313.4	2.2	100.7	1.6	311.
15.1	44.6	4097.3	625.0	1.5	-16.7	26.0	9.2	-4.0	-8.2	314.4	314.7	1.7	100.7	1.6	247.
16.4	47.8	4424.3	600.0	-1.3	-17.8	354.7	8.9	0.0	-8.9	314.8	319.0	1.6	100.7	1.7	264.
17.6	50.7	4762.4	575.0	-2.7	-21.1	340.9	8.1	2.7	-7.7	316.7	320.7	1.2	100.7	1.7	243.
18.9	53.8	5113.0	550.0	-5.3	-26.7	333.1	7.6	3.5	-6.8	317.9	322.3	1.3	100.7	1.9	224.
20.2	56.9	5476.7	525.0	-7.7	-26.1	325.9	8.0	4.0	-6.9	319.2	322.1	0.9	100.7	2.1	209.
21.6	60.3	5854.3	500.0	-10.3	-25.7	331.0	9.0	4.3	-7.8	320.6	323.7	3.9	100.7	2.6	195.
23.0	63.7	6247.3	475.0	-13.1	-30.3	332.9	10.0	4.6	-8.9	321.8	324.1	0.6	100.7	3.2	185.
24.5	67.0	6656.9	450.0	-16.3	-33.2	336.1	10.2	4.1	-9.3	322.7	324.5	0.5	100.7	4.0	178.
26.1	70.5	7084.8	425.0	-19.2	-35.7	342.5	13.3	3.9	-12.4	324.4	325.9	0.4	100.7	5.1	174.
27.8	74.2	7532.7	400.0	-22.7	-35.6	331.7	13.8	6.6	-11.1	325.5	327.1	7.5	100.7	6.4	171.
29.6	78.1	8033.5	375.0	-25.6	-37.3	319.6	14.6	9.5	-10.6	327.6	329.1	0.4	100.7	7.8	166.
31.4	81.9	8499.8	350.0	-29.3	-42.0	315.3	15.1	10.6	-10.8	329.2	330.1	0.3	100.7	9.3	162.
33.6	85.9	9024.6	325.0	-33.6	-47.9	309.0	15.6	12.2	-9.9	330.4	330.4	0.1	100.7	11.1	150.
35.7	90.0	9580.8	300.0	-38.6	-49.9	307.5	16.4	13.7	-9.1	331.0	331.0	99.9	100.7	12.9	152.
38.0	94.7	10172.5	275.0	-43.3	-49.9	311.0	17.4	13.2	-11.4	332.5	332.5	99.9	100.7	15.0	148.
40.6	99.4	10807.2	250.0	-48.1	-49.9	323.4	20.6	13.3	-16.6	334.5	334.5	99.9	100.7	17.7	146.
43.1	104.3	11492.7	225.0	-53.5	-49.9	326.4	24.6	13.6	-20.5	336.5	336.5	99.9	100.7	21.4	140.
46.0	110.0	12238.8	200.0	-60.0	-49.9	317.5	26.7	18.0	-19.7	337.8	337.8	99.9	100.7	25.9	146.
49.4	115.6	13056.3	175.0	-66.8	-49.9	312.5	34.5	25.4	-23.3	339.7	339.7	99.9	100.7	32.2	143.
53.1	122.3	13976.4	150.0	-72.2	-49.9	317.6	32.8	22.1	-24.2	342.8	342.8	99.9	100.7	40.1	141.
57.6	129.3	15071.2	125.0	-64.9	-49.9	310.0	28.4	21.7	-18.2	377.4	377.4	99.9	100.7	47.5	140.
63.0	137.3	16413.7	100.0	-69.6	-49.9	308.7	24.4	19.0	-15.2	393.4	393.4	99.9	100.7	55.1	139.
69.8	145.0	18129.1	75.0	-65.9	-49.9	334.2	19.9	8.7	-18.0	434.7	434.7	99.9	100.7	65.6	139.
78.8	154.0	20608.6	50.0	-62.4	-49.9	45.1	4.8	-3.4	-3.4	490.5	490.5	99.9	100.7	80.4	141.
93.9	164.0	25022.9	25.0	-48.3	-49.9	275.5	1.2	1.2	-0.1	645.9	645.9	99.9	100.7	67.3	143.

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
• BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
• BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 232
BROTHVILLE, LA

27 APRIL 1975
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CMTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RM PCT	RANGF KM	AZ DG
0.0	4.5	152.7	1017.6	19.3	19.3	162.0	0.0	0.0	0.0	292.5	327.0	13.8	100.0	0.0	0.0
0.6	6.1	152.7	1000.0	21.4	21.0	140.5	11.9	0.1	11.9	276.6	337.7	15.8	97.4	0.6	255.0
1.7	8.5	372.7	975.0	17.7	17.2	138.6	5.4	-3.9	4.4	296.9	336.9	14.6	97.2	0.6	307.0
2.6	10.8	596.6	950.0	19.8	9.3	128.5	6.2	-4.8	3.9	296.4	319.7	7.9	51.6	0.9	310.0
3.6	13.4	826.3	525.0	18.6	15.4	117.3	8.2	-7.3	3.4	292.5	312.9	5.6	53.0	1.3	307.0
4.6	15.8	1060.9	900.0	17.4	5.1	123.9	1.4	-7.3	4.2	325.3	311.3	6.2	44.4	1.4	305.0
5.6	18.2	1301.1	875.0	17.3	-5.7	129.7	7.2	-6.9	6.4	321.9	311.3	1.4	10.2	2.4	305.0
6.6	20.7	1547.5	850.0	15.9	-5.7	126.3	7.7	-6.2	4.5	323.2	311.3	3.2	22.3	2.9	306.0
7.6	23.3	1800.0	825.0	14.0	1.5	126.6	7.3	-5.7	4.5	324.1	311.3	5.2	42.6	3.3	306.0
8.7	25.6	2058.6	800.0	12.3	-2.1	124.6	6.1	-4.7	3.7	324.6	314.7	4.1	36.7	3.4	307.0
9.7	28.6	2324.3	775.0	11.2	-2.2	125.5	4.9	-4.0	2.8	324.2	314.2	2.7	24.9	4.1	307.0
10.8	31.4	2597.4	750.0	10.8	-1.5	124.4	2.9	-2.3	1.8	320.4	312.1	1.2	11.1	4.4	306.0
12.0	34.3	2879.2	725.0	10.1	-4.7	124.4	1.9	-0.7	1.4	313.5	310.9	0.1	1.0	4.4	307.0
13.2	37.0	3169.7	700.0	8.5	-12.7	124.4	1.0	-1.0	-2.1	311.9	311.1	0.3	3.5	4.6	306.0
14.4	40.0	3469.5	675.0	7.2	-24.7	124.4	0.2	-3.4	-3.4	310.0	310.0	0.5	4.9	4.6	306.0
15.6	42.7	3776.3	650.0	6.0	-24.7	124.4	0.4	-5.5	-5.5	311.8	314.5	0.9	8.8	4.7	306.0
16.9	45.6	4048.4	625.0	3.0	-25.6	124.4	9.5	-5.4	-7.6	314.0	314.3	6.7	3.1	4.9	291.0
18.2	48.9	4427.2	600.0	-0.2	-13.1	124.4	17.4	-4.1	-4.5	314.2	314.4	2.3	36.9	5.1	292.0
19.5	51.9	4766.2	575.0	-2.6	-19.1	124.4	14.2	-1.4	-1.4	317.1	312.2	1.4	29.1	5.3	272.0
21.0	55.1	5117.2	550.0	-5.1	-17.0	124.4	11.3	0.4	-1.4	311.3	313.4	1.7	35.9	5.4	258.0
22.4	58.3	5481.4	525.0	-7.4	-21.0	124.4	10.2	0.2	-1.4	312.6	314.1	1.4	12.7	5.6	250.0
23.9	61.7	5859.5	500.0	-10.4	-22.4	124.4	12.1	2.3	-1.4	314.4	314.6	1.3	16.5	6.0	240.0
25.4	65.2	6252.4	475.0	-13.0	-25.6	124.4	11.4	4.3	-1.4	314.9	325.3	1.0	33.7	6.3	210.0
27.0	68.6	6662.9	450.0	-15.4	-30.9	124.4	13.4	5.5	-1.4	324.2	326.2	0.6	25.0	6.8	221.0
28.7	72.1	7091.9	425.0	-18.4	-37.1	124.4	15.7	8.8	-1.4	324.4	326.7	0.4	17.5	7.5	210.0
30.5	76.0	7541.2	400.0	-21.6	-34.1	124.4	15.6	10.3	-1.4	324.9	326.8	0.5	11.1	8.1	199.0
32.4	80.1	8013.4	375.0	-25.4	-33.3	124.4	14.5	10.3	-1.4	324.9	326.8	0.6	47.1	9.2	189.0
34.3	84.0	8510.1	350.0	-29.4	-42.2	124.4	11.7	8.9	-7.4	327.0	312.0	0.3	27.6	10.1	142.0
36.2	88.0	9035.8	325.0	-32.7	-42.1	124.4	10.5	4.5	-6.1	331.5	312.6	0.3	34.1	10.9	176.0
38.2	92.4	9594.8	300.0	-37.1	-46.4	124.4	11.1	6.7	-6.2	333.0	313.7	0.2	36.9	11.8	171.0
40.5	97.0	10189.6	275.0	-42.2	-49.9	124.4	11.8	8.8	-6.6	334.1	313.7	0.9	99.9	13.2	169.0
42.9	101.8	10826.0	250.0	-48.0	-49.9	124.4	13.0	5.4	-6.8	334.6	313.7	0.9	99.9	14.7	165.0
45.5	107.2	11512.7	225.0	-53.4	-49.9	124.4	9.0	15.0	-11.6	334.7	313.7	0.9	99.9	16.8	160.0
48.2	112.1	12260.6	200.0	-59.2	-49.9	124.4	21.4	16.8	-13.2	330.0	313.7	0.9	99.9	23.0	155.0
51.4	118.8	13083.0	175.0	-66.3	-49.9	124.4	23.3	19.1	-13.4	324.6	313.7	0.9	99.9	24.0	150.0
54.7	125.5	14004.0	150.0	-70.1	-49.9	124.4	22.0	19.4	-10.4	349.4	313.7	0.9	99.9	28.2	146.0
58.7	132.7	15097.2	125.0	-63.5	-49.9	124.4	20.8	18.2	-10.0	373.9	313.7	0.9	99.9	32.4	141.0
63.6	140.3	16431.2	100.0	-69.7	-49.9	124.4	15.3	14.5	-8.9	393.1	313.7	0.9	99.9	37.0	138.0
65.3	146.3	18136.3	75.0	-71.4	-49.9	124.4	24.4	1.3	-2.0	423.7	313.7	0.9	99.9	39.8	137.0
77.5	157.7	20373.8	50.0	-63.1	-49.9	124.4	8.4	-7.0	-4.6	494.9	313.7	0.9	99.9	41.6	139.0
90.1	167.7	24992.0	25.0	-50.1	-49.9	124.4	3.5	-1.0	3.3	641.2	313.7	0.9	99.9	40.2	142.0

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISS

27 APRIL 1975
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIA DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GN/KG	RM PCT	RANGE KM	AZ DG
0.0	4.0	100.0	1006.5	21.2	20.4	160.0	3.6	-1.2	3.4	295.8	335.1	15.2	93.0	0.0	0.
0.2	4.5	156.5	1000.0	21.0	20.1	173.6	4.0	-0.4	3.9	296.2	335.1	15.0	94.3	0.1	352.
1.0	6.1	376.0	975.0	19.6	17.6	179.7	4.1	-0.0	4.1	296.6	331.1	13.2	88.8	0.3	353.
1.7	6.0	600.1	950.0	19.3	17.6	162.9	5.2	-1.5	5.0	298.0	327.3	9.1	60.7	0.5	352.
2.4	9.8	830.4	925.0	20.0	14.1	158.6	5.9	-2.2	5.5	301.2	330.9	11.0	68.7	0.7	349.
3.3	11.6	1066.8	900.0	18.4	14.6	155.4	6.8	-2.8	6.1	302.1	334.0	11.9	79.5	1.0	344.
4.1	13.6	1308.2	875.0	16.6	12.4	151.1	5.9	-2.9	5.2	302.4	330.7	10.4	76.4	1.4	342.
5.0	15.5	1555.3	850.0	15.7	6.3	137.4	6.1	-4.1	4.5	303.5	323.5	7.1	54.2	1.6	338.
5.9	17.5	1807.8	825.0	13.8	2.5	136.5	7.7	-5.3	5.6	303.9	319.7	5.6	46.6	2.0	334.
6.8	19.7	2066.5	800.0	12.4	-1.2	132.6	7.3	-5.4	5.0	305.0	317.6	4.4	38.9	2.4	331.
7.6	21.6	2332.0	775.0	10.7	-4.2	125.2	6.2	-5.1	3.6	305.8	316.4	3.7	35.2	2.7	328.
8.5	23.8	2604.2	750.0	9.4	-32.4	129.0	3.5	-2.7	2.2	306.9	308.9	0.7	6.7	3.0	326.
9.5	25.9	2884.8	725.0	9.8	-43.7	136.4	0.9	-0.6	0.7	310.2	310.5	0.1	1.0	3.1	324.
10.4	28.2	3175.8	700.0	10.1	-43.3	58.5	1.5	-1.3	-0.8	313.6	314.0	0.1	1.1	3.1	325.
11.3	30.6	3476.7	675.0	8.0	-21.8	53.1	2.5	-2.0	-1.5	314.7	318.0	1.0	10.3	3.1	323.
12.4	33.1	3786.3	650.0	5.6	-22.8	19.9	2.7	-0.9	-2.5	315.4	318.5	0.9	10.7	3.1	319.
13.3	35.5	4105.6	625.0	3.3	-27.1	10.9	4.5	-0.9	-4.4	316.3	318.5	0.7	8.5	2.9	317.
14.4	38.0	4434.8	600.0	0.8	-13.4	20.1	5.4	-2.2	-6.0	317.3	324.5	2.3	33.7	2.8	311.
15.4	40.5	4775.3	575.0	-2.1	-13.0	17.4	6.3	-1.9	-6.0	317.8	326.5	2.1	42.7	2.7	302.
16.5	43.0	5126.7	550.0	-4.6	-24.6	0.8	6.3	-0.1	-6.3	318.8	321.9	0.9	19.0	2.6	294.
17.6	45.9	5491.1	525.0	-7.6	-22.8	358.4	8.3	0.2	-8.3	319.5	321.3	1.2	28.4	2.4	282.
18.9	48.8	5868.7	500.0	-11.0	-16.1	358.6	10.0	0.3	-9.9	319.9	326.9	2.2	65.8	2.3	264.
20.2	51.6	6261.4	475.0	-13.7	-20.4	344.6	11.7	3.1	-11.3	321.2	326.4	1.6	56.4	2.4	246.
21.7	54.7	6670.4	450.0	-16.5	-23.6	331.0	12.6	6.1	-11.0	322.6	326.8	1.3	53.7	2.7	221.
23.0	57.7	7098.1	425.0	-19.2	-34.4	318.1	13.9	9.3	-10.4	324.4	326.2	0.5	25.1	3.1	203.
24.4	61.1	7546.1	400.0	-22.7	-45.6	308.7	14.6	11.4	-9.2	325.5	326.2	0.2	12.1	3.7	184.
25.9	64.6	8017.5	375.0	-25.4	-33.7	310.4	14.3	10.9	-9.3	326.0	330.1	0.6	45.3	4.5	170.
27.6	68.0	8514.3	350.0	-29.2	-35.6	309.5	14.8	11.4	-9.4	324.4	331.3	0.5	53.7	5.8	161.
29.4	71.7	9040.0	325.0	-32.9	-45.8	304.3	12.7	10.5	-7.1	331.3	332.1	0.2	26.0	7.1	154.
31.6	75.8	9597.4	300.0	-37.8	-51.5	290.2	13.4	12.9	-4.7	332.1	332.5	0.1	22.0	6.5	147.
33.6	80.1	10192.3	275.0	-42.2	99.9	292.5	12.8	11.9	-4.9	334.1	999.9	99.9	999.9	9.8	141.
36.1	84.6	10829.4	250.0	-47.7	99.9	293.5	16.2	14.8	-6.5	335.2	999.9	99.9	999.9	11.8	137.
38.4	89.4	11516.2	225.0	-53.5	99.9	290.8	18.9	17.7	-6.7	336.5	999.9	99.9	999.9	14.1	132.
40.9	94.8	12242.5	200.0	-60.0	99.9	292.1	22.9	21.2	-8.6	337.7	999.9	99.9	999.9	17.0	129.
43.5	100.4	13062.6	175.0	-66.7	99.9	286.4	26.9	28.7	-8.4	339.9	999.9	99.9	999.9	21.1	125.
46.8	106.8	14002.6	150.0	-69.2	99.9	289.7	26.9	25.3	-9.1	339.9	999.9	99.9	999.9	25.6	121.
50.7	114.0	15100.0	125.0	-67.8	99.9	293.3	20.6	19.0	-8.2	372.3	999.9	99.9	999.9	32.0	120.
55.5	122.7	16447.5	100.0	-67.8	99.9	303.5	17.8	14.8	-9.8	396.7	999.9	99.9	999.9	37.5	119.
61.3	132.5	18168.1	75.0	-69.1	99.9	333.4	8.3	3.7	-7.4	428.0	999.9	99.9	999.9	42.0	120.
69.5	144.0	20624.4	50.0	-61.2	99.9	03.5	6.5	-6.4	-0.7	499.3	999.9	99.9	999.9	42.6	124.
82.3	156.5	25057.5	25.0	-48.9	99.9	16.3	0.8	-0.2	-0.7	644.3	999.9	99.9	999.9	40.9	124.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LA

27 APRIL 1975
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

150 13. 1

TIME 47N	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	3.1	5.0	1019.7	22.2	21.2	140.0	5.2	-3.3	4.0	296.2	337.3	15.8	94.0	0.0	0.
0.3	4.3	132.6	1000.0	22.1	20.9	296.1	4.8	4.3	-2.1	297.4	338.6	15.8	93.0	0.7	329.
1.2	6.3	353.1	575.0	20.5	19.2	170.0	7.6	-1.3	7.5	297.8	339.9	14.6	91.9	0.7	337.
2.0	9.4	578.0	550.0	21.2	9.6	168.9	14.5	-3.9	14.0	297.8	321.4	8.0	47.6	1.3	340.
2.8	10.5	809.0	925.0	20.3	11.6	168.3	17.8	-2.8	13.5	301.4	326.7	9.3	57.2	2.1	342.
3.7	12.6	1045.2	900.0	18.9	10.9	168.4	12.4	-2.6	12.5	302.3	327.2	9.2	59.5	2.7	344.
4.7	14.9	12 6.9	875.0	18.3	6.5	163.5	11.2	-3.2	10.7	303.1	323.1	7.0	45.1	3.4	344.
5.4	17.0	1535.2	850.0	17.6	3.5	174.0	11.0	-1.2	11.0	305.4	321.9	5.8	38.8	3.9	345.
6.3	19.4	1789.5	825.0	15.6	1.0	174.3	10.1	-1.0	10.2	305.8	320.1	5.0	36.9	4.5	346.
7.2	21.5	2049.6	800.0	13.5	1.8	171.1	11.1	-1.7	10.9	306.3	321.8	5.5	44.8	5.0	347.
8.3	24.0	2316.2	775.0	12.4	-42.7	168.1	10.8	-2.2	10.6	307.6	317.9	3.5	29.8	5.7	347.
9.3	26.2	2590.8	750.0	13.0	-42.0	166.5	10.4	-2.4	10.1	310.7	311.1	0.1	1.0	6.4	347.
10.4	28.7	2875.9	725.0	14.4	-41.1	163.1	8.4	-2.5	8.2	315.3	315.8	0.1	1.0	7.0	347.
11.3	31.3	3170.7	700.0	12.7	-42.1	165.8	6.1	-1.5	6.0	316.6	317.1	0.1	1.0	7.4	347.
12.4	34.0	3474.0	675.0	10.7	-30.1	172.5	2.9	-0.3	2.9	317.7	319.3	0.5	3.9	7.7	347.
12.5	36.4	3766.6	650.0	8.0	-3.5	149.0	1.3	-3.7	1.1	317.3	327.3	2.9	28.0	7.8	347.
14.5	39.1	4108.5	625.0	5.0	-9.6	108.8	1.3	-1.3	0.4	314.6	327.8	2.9	33.6	7.9	346.
15.6	41.7	4440.1	600.0	2.2	-10.9	74.7	1.6	-1.5	-0.3	310.0	327.7	2.6	37.0	7.9	346.
16.8	44.6	4781.5	575.0	-1.0	-14.3	74.6	1.5	-1.5	-0.4	319.0	326.0	2.2	42.9	7.9	345.
18.0	47.5	5134.3	550.0	-4.7	-15.4	81.8	3.3	-3.3	-0.5	316.7	325.4	2.1	42.9	7.9	345.
19.2	50.4	5459.2	525.0	-6.2	-37.6	102.6	4.5	-4.4	1.0	321.0	322.4	0.4	8.4	8.0	342.
20.5	53.4	5879.0	500.0	-8.7	-55.4	179.1	2.2	-0.0	2.2	322.4	322.6	0.0	1.0	8.2	340.
21.8	56.4	6274.5	475.0	-11.5	-57.2	233.2	4.8	3.9	2.8	323.6	323.9	0.0	1.0	8.3	342.
23.2	59.8	6686.3	450.0	-14.8	-59.3	233.6	4.4	3.5	2.6	324.6	324.7	0.0	1.0	8.4	345.
24.6	63.1	7116.3	425.0	-17.8	-61.2	234.0	6.0	4.8	3.5	326.1	326.2	0.0	1.0	8.6	347.
26.0	66.4	7564.4	400.0	-21.4	-63.6	240.1	7.3	6.4	2.9	327.1	327.1	0.0	1.0	8.6	351.
27.6	70.1	8039.6	375.0	-25.1	-64.6	250.1	8.6	8.2	2.5	328.3	328.4	0.0	1.4	9.0	355.
29.2	73.7	8536.2	350.0	-28.7	-59.9	267.3	11.4	11.4	0.5	329.9	330.1	0.0	4.6	9.1	2.
30.9	77.7	9061.5	325.0	-33.6	-43.2	267.2	13.9	13.9	0.7	330.3	331.3	0.3	37.4	9.2	10.
32.8	81.7	9617.8	300.0	-38.0	-40.7	270.4	16.1	16.1	-0.1	331.7	333.0	0.4	76.1	9.7	19.
34.6	85.9	10211.7	275.0	-42.0	99.9	272.2	16.5	16.8	-0.7	334.4	999.9	99.9	999.9	10.5	29.
36.8	90.5	10850.1	250.0	-46.7	99.9	272.5	18.7	18.7	-0.6	336.7	999.9	99.9	999.9	11.8	39.
38.9	95.4	11541.4	225.0	-51.8	99.9	273.5	20.9	20.9	-0.5	339.2	999.9	99.9	999.9	13.4	48.
41.1	100.5	12233.7	200.0	-58.2	99.9	275.4	20.2	20.1	-1.9	340.7	999.9	99.9	999.9	15.2	55.
43.6	106.3	13121.0	175.0	-65.3	99.9	267.7	24.0	24.0	1.0	342.7	999.9	99.9	999.9	18.3	61.
46.8	112.5	14050.3	150.0	-69.1	99.9	276.2	22.7	22.5	-2.5	351.0	999.9	99.9	999.9	22.2	67.
50.2	119.3	15147.0	125.0	-65.7	99.9	275.8	27.6	22.5	-2.3	370.1	999.9	99.9	999.9	26.3	72.
54.3	127.3	16492.3	100.0	-70.2	99.9	258.3	11.0	10.8	2.2	392.1	999.9	99.9	999.9	29.5	74.
59.5	136.3	18194.1	75.0	-71.2	99.9	211.4	2.1	1.1	1.8	423.7	999.9	99.9	999.9	31.8	74.
67.0	145.5	20648.7	50.0	-61.3	99.9	33.7	7.0	-3.9	-5.9	499.1	999.9	99.9	999.9	33.9	75.
78.6	156.0	25055.1	25.0	-51.0	99.9	144.5	3.1	-3.8	3.0	637.9	999.9	99.9	999.9	28.9	75.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248
SHREVEPORT, LA27 APRIL 1975
1110 GMT

163 12. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MR RTO GN/KG	AM PCT	RANGE KM	AZ DG
0.0	4.5	79.0	1006.1	21.1	19.9	140.0	3.2	-2.1	2.5	295.7	333.9	14.8	93.0	0.0	0.
0.2	5.0	131.9	1000.0	20.9	19.9	140.0	12.0	-7.7	9.2	296.0	334.4	14.8	93.9	0.3	303.
1.2	6.9	351.8	975.0	20.5	19.6	176.0	13.8	-0.5	13.8	297.8	336.8	14.9	94.7	0.8	323.
2.2	9.1	576.8	950.0	19.3	18.3	170.7	15.7	-0.1	15.7	298.7	339.7	14.1	93.7	1.6	348.
3.2	11.1	806.8	925.0	18.7	15.9	180.1	16.5	0.0	16.5	300.2	334.1	12.8	86.6	2.6	352.
4.2	13.3	1043.4	900.0	21.1	-3.2	186.7	14.1	1.6	14.0	303.7	313.5	3.4	19.4	3.5	375.
5.3	15.5	1286.4	875.0	20.2	-7.1	191.6	13.7	2.7	17.4	303.1	312.7	2.6	15.2	4.4	398.
6.5	17.6	1535.2	850.0	18.2	2.7	186.0	13.4	1.4	13.3	303.9	321.8	5.6	35.8	5.3	0.
7.6	20.0	1789.9	825.0	16.2	5.5	186.4	12.5	1.4	12.4	306.7	326.2	6.9	49.2	6.1	1.
8.7	22.1	2050.6	800.0	13.9	5.1	183.0	11.5	0.6	11.5	306.9	326.4	6.9	55.1	7.0	1.
9.8	24.6	2316.0	775.0	12.0	2.1	171.9	11.9	-1.7	11.7	307.4	323.9	5.8	50.7	7.7	1.
11.0	26.9	2591.7	750.0	10.6	-21.7	178.3	12.9	-0.4	12.9	308.2	311.9	1.2	11.4	9.5	360.
12.1	29.4	2874.2	725.0	12.0	-42.5	197.5	15.0	4.5	14.3	312.6	313.1	0.1	1.0	9.5	1.
13.4	32.0	3167.3	706.0	11.8	-42.6	210.4	11.9	6.1	10.3	315.6	316.1	0.1	1.0	10.5	4.
14.7	34.7	3470.3	675.0	10.2	-39.3	204.7	10.2	4.2	9.2	317.1	317.8	0.2	1.7	11.2	5.
15.9	37.1	3782.4	650.0	8.0	-25.3	205.3	9.2	3.9	8.3	318.1	320.7	0.8	7.3	11.9	6.
17.0	40.0	4103.8	625.0	9.0	-17.4	197.6	9.1	2.8	8.7	318.3	323.3	1.6	17.9	12.9	7.
18.2	42.5	4435.3	600.0	2.2	-14.9	205.6	8.6	3.7	7.7	318.9	325.2	2.0	26.9	13.1	8.
19.4	45.5	4770.9	575.0	-1.0	-10.9	203.9	8.1	3.3	7.4	319.2	328.2	2.9	46.9	13.7	8.
20.5	48.5	5129.8	550.0	-4.2	-8.9	209.0	7.3	3.5	6.4	319.5	330.5	3.6	70.2	14.2	9.
21.8	51.4	5494.6	525.0	-7.8	-8.4	220.9	5.6	3.7	4.2	319.5	331.4	1.9	95.3	14.6	10.
23.1	54.6	5872.2	500.0	-10.7	-17.0	211.2	6.0	3.1	5.1	320.2	326.7	2.0	60.5	5.0	11.
24.7	57.7	6264.8	475.0	-13.1	-59.2	210.0	5.2	2.6	4.5	321.7	321.9	0.0	1.0	15.5	11.
26.3	61.1	6675.1	450.0	-15.1	-59.5	224.5	6.8	4.8	4.9	324.1	324.3	0.0	1.0	16.0	12.
27.7	64.6	7100.7	425.0	-18.1	-53.4	243.2	9.7	8.7	4.4	325.8	326.1	0.1	3.6	16.6	14.
29.5	68.1	7558.9	400.0	-21.3	-63.5	248.7	12.3	11.5	4.3	327.3	327.3	0.0	1.0	17.2	17.
31.2	71.7	8027.5	375.0	-25.2	-65.0	248.5	14.6	13.6	5.3	328.2	328.2	0.0	1.0	18.2	20.
33.1	75.8	8524.0	350.0	-29.3	-60.1	253.8	16.6	15.9	4.6	329.1	329.3	0.0	3.4	19.3	25.
35.1	80.0	9046.1	325.0	-32.9	-64.3	259.4	17.8	17.5	3.3	331.3	331.3	0.0	2.6	20.6	24.
37.1	84.3	9607.0	300.0	-37.6	-49.0	259.0	19.8	19.4	3.8	332.3	332.9	0.1	28.7	22.1	34.
39.3	88.8	10202.1	275.0	-41.7	99.9	262.2	19.4	19.2	2.6	334.8	999.9	99.9	999.9	23.9	38.
41.8	94.0	10841.8	250.0	-46.3	99.9	270.0	21.3	21.3	-0.0	337.2	999.9	99.9	999.9	26.1	43.
44.3	99.3	11532.7	225.0	-52.5	99.9	269.1	19.4	19.4	0.3	338.0	999.9	99.9	999.9	28.2	48.
47.1	104.8	12282.4	200.0	-58.8	99.9	258.5	21.0	20.6	4.2	339.6	999.9	99.9	999.9	31.0	51.
50.1	111.0	13107.5	175.0	-65.4	99.9	267.4	22.4	22.1	3.8	342.1	999.9	99.9	999.9	34.7	55.
53.8	118.0	14029.4	150.0	-72.2	99.9	258.0	22.9	22.4	4.9	345.8	999.9	99.9	99.9	39.1	57.
56.0	125.8	15120.0	125.0	-65.9	99.9	268.7	20.2	20.2	0.5	375.7	999.9	99.9	999.9	44.8	61.
62.0	134.3	16460.7	100.0	-69.7	99.9	264.5	13.3	13.2	1.3	393.1	999.9	99.9	999.9	48.6	63.
69.1	142.7	18180.5	75.0	-71.1	99.9	215.0	6.1	3.5	5.0	423.9	999.9	99.9	999.9	52.0	64.
77.1	151.7	20626.1	50.0	-44.4	99.9	63.3	5.1	-4.6	-2.3	491.8	999.9	99.9	999.9	51.4	63.
90.9	161.3	25011.9	25.0	-50.4	99.9	137.3	3.4	-2.3	2.5	640.2	999.9	99.9	999.9	47.8	63.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 250
BROWNSVILLE, TEX

27 APRIL 1975
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RM PCY	RANGE KM	AZ DG
0.0	4.3	7.0	1039.9	25.0	21.7	160.0	8.2	-2.8	7.7	299.5	342.7	16.5	82.0	0.0	0.0
0.4	5.2	93.8	1020.0	23.6	22.6	999.9	99.9	99.9	99.9	299.1	344.9	17.5	94.0	999.9	999.9
1.1	7.2	315.4	975.0	21.9	21.2	999.9	99.9	99.9	99.9	299.4	342.7	16.5	94.0	999.9	999.9
1.8	9.4	541.4	950.0	20.3	19.3	153.2	17.8	-8.0	15.9	299.8	319.5	15.1	94.5	1.5	331.
2.5	11.3	772.1	925.0	19.9	13.9	161.4	14.8	-5.0	17.8	301.1	312.5	11.7	75.6	2.3	332.
3.3	13.6	1069.3	900.0	21.4	-0.5	168.4	17.3	-3.5	16.9	304.1	315.9	4.1	23.1	3.2	336.
4.2	15.8	1252.3	875.0	19.6	2.7	177.7	17.1	-0.7	17.3	304.9	320.2	5.4	33.0	4.0	340.
5.0	19.0	1531.0	850.0	18.9	-11.9	178.2	13.3	-0.4	13.3	306.2	311.7	1.8	11.3	4.8	343.
5.9	20.4	1756.3	825.0	17.6	-21.8	169.0	15.3	-2.9	15.0	307.3	310.1	0.9	5.7	5.5	344.
6.4	22.8	2017.8	800.0	16.2	-21.1	164.9	17.1	-4.4	16.5	308.6	311.5	0.9	6.3	6.4	344.
7.6	25.2	2286.3	775.0	14.5	-23.4	166.7	16.8	-3.9	16.3	309.5	312.0	0.9	5.7	7.3	345.
8.5	27.5	2562.5	750.0	14.5	-29.2	165.7	13.2	-2.0	12.9	312.3	313.9	0.5	3.3	8.1	345.
9.4	30.1	2837.9	725.0	13.7	-29.4	164.6	16.1	-2.0	9.9	314.6	316.1	0.5	3.5	9.3	345.
10.4	32.8	3142.2	700.0	12.7	-26.7	182.6	8.4	0.4	8.4	316.6	319.1	0.5	3.7	9.7	347.
11.5	35.5	3446.3	675.0	11.2	-30.2	197.2	7.9	2.3	7.5	318.3	319.8	0.5	4.0	10.1	348.
12.5	38.1	3756.4	650.0	9.0	-31.0	201.0	5.2	1.9	4.9	319.2	320.7	0.4	4.2	10.4	349.
13.7	40.8	4082.5	625.0	7.0	-31.8	195.6	5.3	1.4	5.1	320.5	322.0	0.4	4.5	10.7	350.
14.8	43.7	4416.1	600.0	4.5	-32.9	198.6	6.4	2.0	6.0	321.4	322.8	0.4	4.9	11.1	351.
15.9	46.8	4740.6	575.0	1.7	-34.1	206.3	7.0	3.1	6.3	322.0	323.3	0.4	5.2	11.5	353.
17.0	49.9	5116.6	550.0	-1.2	-35.5	192.6	7.1	1.5	6.9	322.7	323.9	0.3	5.2	11.9	353.
18.1	52.8	5445.3	525.0	-4.1	-30.7	175.9	7.5	-0.5	7.5	323.6	325.5	0.6	10.4	12.5	353.
19.3	55.9	5767.2	500.0	-7.6	-29.4	182.2	9.4	0.4	9.4	323.8	326.1	0.7	15.4	13.2	354.
20.5	59.3	6213.7	475.0	-10.8	-31.2	194.9	8.1	2.6	7.6	324.6	326.1	0.4	11.3	13.8	354.
22.0	63.0	6676.6	450.0	-14.0	-37.4	202.2	8.3	3.1	7.7	325.6	327.4	0.3	11.6	14.4	357.
23.4	65.4	7138.1	425.0	-17.5	-32.4	207.8	8.5	3.3	7.8	326.0	328.6	0.6	19.8	15.2	358.
25.0	70.3	7559.1	400.0	-20.7	-37.9	191.5	9.7	1.9	9.5	326.3	329.3	0.4	12.3	16.2	358.
26.5	74.0	8033.1	375.0	-24.2	-45.1	186.8	11.4	1.4	11.3	327.6	330.2	0.2	23.4	17.4	359.
28.2	78.3	8531.8	350.0	-28.2	-45.1	197.3	12.4	3.7	11.6	327.7	331.4	0.2	23.4	18.4	1.
29.9	82.6	9059.3	325.0	-32.2	-46.1	226.1	12.3	8.7	8.3	331.1	335.7	0.2	23.4	19.4	5.
31.7	87.0	9620.0	300.0	-35.6	-48.4	244.7	15.5	14.0	6.6	331.1	335.7	0.2	23.4	20.4	10.
33.9	92.2	10218.2	275.0	-40.9	99.9	242.9	16.9	15.0	7.7	336.0	337.7	99.9	99.9	21.8	14.
36.2	97.2	10859.1	250.0	-46.0	99.9	251.9	16.9	16.0	5.3	337.7	339.9	99.9	99.9	23.5	21.
38.8	102.8	11514.0	225.0	-50.8	99.9	257.7	18.0	17.2	5.4	340.6	342.4	99.9	99.9	24.9	27.
4.4	109.0	12316.0	200.0	-57.1	99.9	277.6	23.1	22.9	-3.0	342.4	346.7	99.9	99.9	26.3	37.
44.0	115.3	13145.3	175.0	-52.5	99.9	287.5	34.5	32.9	-10.4	346.7	349.9	99.9	99.9	29.6	50.
47.5	122.7	14077.8	150.0	-70.7	99.9	283.0	33.4	31.8	-10.1	348.3	350.9	99.9	99.9	33.2	56.
50.7	130.3	15148.0	125.0	-72.0	99.9	248.6	17.7	16.5	6.5	348.6	350.9	99.9	99.9	38.0	58.
55.1	138.0	16453.0	100.0	-75.1	99.9	248.4	17.7	16.5	6.5	348.7	350.9	99.9	99.9	42.1	58.
61.2	146.0	18123.5	75.0	-74.8	99.9	212.3	4.9	2.6	4.1	416.0	350.9	99.9	99.9	41.4	58.
69.7	154.3	23576.8	50.0	-62.1	99.9	102.7	3.9	-3.9	0.9	497.2	350.9	99.9	99.9	38.8	55.
33.4	162.7	25003.9	25.0	-50.2	99.9	129.8	3.0	-2.3	1.9	640.9	350.9	99.9	99.9		

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 255
VICTORIA, TEX

27 APRIL 1975
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCY	RANGE KM	AZ DEG
0.0	3.9	33.0	1008.0	23.0	21.1	160.0	6.2	-2.1	5.8	297.6	338.9	15.9	89.0	0.0	0.
0.3	4.6	103.1	1000.0	23.3	22.2	99.9	99.9	99.9	99.9	298.8	343.6	17.2	93.6	999.9	999.
1.0	6.4	324.6	975.0	22.0	21.2	99.9	99.9	99.9	99.9	298.5	342.8	18.5	93.0	999.9	999.
1.7	8.5	550.8	950.0	20.5	19.6	999.9	99.9	99.9	99.9	300.0	340.4	15.3	98.7	999.9	999.
2.4	10.6	781.6	925.0	19.8	14.3	175.4	19.5	-1.6	19.4	301.0	331.1	11.2	70.9	2.0	347.
2.2	12.6	1018.7	900.0	21.2	9.1	176.7	21.3	-1.2	21.2	304.4	324.9	8.1	45.9	2.9	350.
3.9	14.8	1262.0	875.0	19.9	5.0	173.7	20.8	-2.3	20.7	305.3	323.2	6.3	37.7	3.9	352.
4.8	16.9	1511.1	850.0	19.0	-2.6	165.5	22.4	-5.6	21.6	306.6	317.5	3.7	30.3	4.9	351.
5.5	19.2	1766.3	825.0	17.6	-9.9	162.2	19.4	-5.9	18.4	307.5	314.1	2.2	14.3	5.9	350.
6.4	21.3	2028.1	800.0	16.1	-12.5	165.3	18.4	-4.7	17.8	308.6	314.2	1.8	12.8	6.9	349.
7.3	23.7	2296.5	775.0	14.7	-32.1	166.9	16.5	-3.7	16.0	309.6	311.3	0.5	3.9	7.9	348.
8.2	25.9	2573.2	750.0	15.4	-40.5	166.4	15.9	-3.7	15.4	313.3	313.4	0.1	1.0	8.6	349.
9.1	28.4	2860.5	725.0	16.0	-39.6	168.1	15.3	-3.2	15.0	317.0	317.4	0.2	1.1	9.5	348.
10.0	30.9	3156.6	700.0	14.1	-26.0	167.2	13.6	-2.5	13.4	318.1	320.4	0.7	4.6	10.3	348.
10.9	33.5	3461.8	675.0	12.3	-36.5	171.5	11.4	-1.7	11.3	319.5	320.5	0.3	2.1	11.0	348.
11.9	36.0	3776.0	650.0	10.1	-27.1	176.9	8.9	-0.5	8.9	320.5	322.7	0.6	5.3	11.6	349.
12.9	38.7	4092.8	625.0	6.9	-25.2	174.9	9.8	-0.9	9.7	320.4	323.1	0.8	7.9	12.2	347.
14.0	41.2	4433.0	600.0	3.7	-24.1	170.1	10.2	-1.8	10.0	320.5	323.5	0.9	11.0	12.7	349.
15.0	44.0	4776.1	575.0	0.4	-21.8	172.4	10.1	-1.3	10.0	320.6	324.4	1.2	17.0	13.2	349.
16.1	47.0	5130.6	550.0	-2.8	-19.9	166.3	8.4	1.2	8.0	320.9	325.6	1.4	25.3	14.0	350.
17.2	50.0	5497.6	525.0	-5.6	-24.0	217.2	10.4	6.5	8.6	321.8	325.3	1.0	21.6	14.5	351.
18.4	52.9	5873.1	500.0	-8.7	-27.8	229.6	12.0	9.2	7.8	322.5	325.1	0.8	19.5	15.0	354.
19.7	55.9	6273.1	475.0	-12.1	-24.8	225.4	12.9	8.9	9.1	323.0	326.7	1.1	14.1	15.6	357.
21.0	59.3	6674.2	450.0	-15.2	-37.6	222.5	13.8	9.3	10.1	324.1	325.7	0.3	12.6	16.4	360.
22.5	62.7	7113.7	425.0	-17.8	-40.9	216.9	12.6	7.6	10.1	326.1	327.0	0.3	11.5	17.2	2.
24.0	66.0	7564.3	400.0	-20.7	-44.9	216.7	11.0	7.3	8.2	328.1	328.7	0.2	9.2	18.0	4.
25.6	69.7	8038.4	375.0	-24.5	-38.9	216.9	10.9	9.6	12.7	329.2	330.4	0.3	24.9	19.1	6.
27.1	73.4	8530.7	350.0	-29.0	-36.5	223.2	17.8	12.2	13.0	329.7	331.4	0.5	47.7	20.5	9.
28.6	77.3	9062.2	325.0	-33.3	-36.7	223.6	19.4	13.4	14.1	330.8	332.6	0.5	71.2	21.9	11.
30.5	81.4	9620.2	300.0	-37.1	-37.8	224.3	16.1	11.6	11.1	333.0	334.8	0.5	93.0	23.5	14.
32.7	85.8	10215.7	275.0	-41.7	99.9	227.7	19.6	14.5	13.2	334.8	999.9	99.9	999.9	25.4	17.
34.8	90.5	10854.7	250.0	-46.9	99.9	240.5	19.7	17.2	9.7	336.3	999.9	99.9	999.9	27.5	20.
37.3	95.5	11544.3	225.0	-52.5	99.9	249.4	21.2	19.9	7.5	338.1	999.9	99.9	999.9	29.6	24.
40.1	100.8	12296.7	200.0	57.8	99.9	253.9	23.2	22.3	6.4	341.3	999.9	99.9	999.9	32.5	29.
42.7	106.8	13125.5	175.0	-64.2	99.9	274.7	30.1	30.0	-2.5	344.1	999.9	99.9	999.9	34.9	34.
46.1	113.3	14056.6	150.0	-69.7	99.9	272.0	32.5	32.5	-1.2	350.0	997.9	99.9	999.9	39.0	43.
50.2	121.0	15139.9	125.0	-68.4	99.9	240.9	24.7	21.6	12.0	371.1	999.9	99.9	999.9	44.3	47.
54.6	126.5	16464.7	100.0	-72.8	99.9	242.4	13.5	12.0	6.3	367.0	999.9	99.9	999.9	48.4	40.
60.7	139.0	18158.8	75.0	-70.4	99.9	230.2	5.8	4.5	3.7	425.4	999.9	99.9	999.9	52.2	50.
66.1	144.5	20631.1	50.0	-59.9	99.9	336.8	3.9	1.5	-3.6	502.3	999.9	99.9	999.9	52.7	50.
82.6	163.0	25043.1	25.0	-51.9	99.9	154.9	6.7	-2.8	6.0	635.6	999.9	99.9	999.9	49.4	49.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEX
27 APRIL 1975
1115 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.6	399.0	961.3	21.8	18.8	160.0	10.3	-3.5	9.7	305.0	337.9	14.3	83.0	0.0	0.
99.9	99.9	99.9	1006.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	10.8	528.8	950.0	21.2	19.2	170.2	18.1	-3.1	17.8	300.8	340.3	14.9	84.2	0.4	345.
1.1	13.1	750.2	925.0	19.8	18.6	172.1	18.3	-2.4	14.2	301.6	341.4	14.0	93.8	1.0	349.
1.4	15.5	992.7	905.0	18.2	17.4	172.6	22.4	-1.0	22.8	302.1	343.6	14.1	95.2	1.9	351.
2.6	17.9	1274.1	875.0	16.7	15.4	184.9	27.5	2.3	27.4	302.8	346.9	12.7	92.1	3.0	355.
3.4	20.4	1442.4	855.0	15.6	14.6	184.5	30.3	5.1	30.4	306.7	348.5	7.4	49.0	4.3	359.
4.2	22.9	1738.4	825.0	15.8	10.1	191.9	32.4	6.7	31.7	307.6	348.0	9.5	44.8	5.9	2.
5.0	25.5	2000.4	805.0	15.1	7.1	196.6	29.3	4.3	27.8	308.4	340.8	8.0	58.7	7.4	5.
5.8	28.0	2259.0	775.0	14.8	-39.6	194.8	24.9	6.9	22.9	311.9	342.5	0.2	1.0	8.7	7.
6.7	30.8	2547.8	750.0	17.6	-39.2	199.4	22.3	7.3	20.8	315.6	346.3	0.2	1.0	9.8	8.
7.6	33.6	2835.9	725.0	16.0	-29.1	203.9	14.6	6.9	17.3	317.1	349.5	0.9	6.1	11.7	10.
8.5	36.2	3132.3	705.0	14.2	-22.8	208.0	15.5	6.8	14.0	318.3	351.3	1.2	9.9	12.5	11.
9.3	39.1	3437.1	675.0	11.3	-19.2	203.1	17.0	8.2	14.8	314.5	342.5	1.6	14.8	13.5	13.
10.3	41.9	3750.6	650.0	9.0	-16.8	207.3	17.9	8.2	15.9	319.3	344.5	1.6	14.8	14.5	14.
11.2	44.5	4073.2	625.0	5.7	-13.2	204.8	17.4	7.3	15.8	319.2	346.2	2.2	24.1	15.4	15.
12.2	47.9	4405.7	605.0	3.4	-18.5	210.2	17.3	4.7	14.9	320.2	345.1	1.5	18.2	16.4	16.
13.3	50.9	4749.0	575.0	0.4	-17.4	204.3	20.5	10.0	17.9	321.1	346.5	1.6	23.4	17.9	17.
14.3	54.1	5103.5	555.0	-2.8	-14.8	200.4	21.5	9.6	19.3	321.0	348.1	2.2	23.4	18.6	18.
15.4	57.3	5470.0	525.0	-5.4	-12.3	201.9	21.5	4.0	20.0	321.0	349.0	2.4	63.1	19.3	19.
16.6	60.7	5849.1	505.0	-9.9	-14.7	201.3	24.8	9.0	21.1	321.3	349.1	2.4	67.7	21.0	21.
18.0	64.1	6242.6	475.0	-12.8	-17.5	203.5	23.2	11.8	20.4	322.1	351.1	0.3	11.0	21.0	22.
19.3	67.6	6653.5	450.0	-15.1	-55.6	213.3	22.7	11.5	19.0	324.2	344.3	0.0	1.7	24.8	24.
20.7	71.1	7082.5	425.0	-18.7	-50.3	218.7	20.9	11.9	17.2	324.9	345.1	0.0	2.0	26.6	26.
22.2	75.0	7531.1	405.0	-22.0	-53.9	222.0	19.4	14.9	14.4	326.3	346.5	0.1	3.7	28.3	28.
23.7	79.0	8002.0	375.0	-26.0	-54.4	221.0	21.6	14.1	16.3	327.1	347.1	0.1	4.7	30.0	30.
25.2	83.0	8447.9	350.0	-24.8	-56.4	223.1	24.3	17.3	14.5	327.1	348.5	0.0	5.1	32.0	32.
26.9	87.2	8921.8	325.0	-34.0	-52.5	228.2	21.8	16.0	15.6	329.7	349.8	0.0	5.4	34.4	34.
28.8	91.8	9377.4	300.0	-38.4	-54.9	221.2	31.8	20.9	23.2	311.2	349.9	99.9	99.9	37.2	37.
31.1	96.3	10149.4	275.0	-42.9	-56.9	223.6	29.8	20.5	21.6	311.0	349.9	99.9	99.9	41.1	41.
33.4	101.2	10606.5	255.0	-47.2	-58.9	225.9	32.5	23.4	22.6	310.0	349.9	99.9	99.9	45.6	45.
35.9	106.8	11495.4	225.0	-52.8	-59.9	228.0	34.5	24.0	24.8	317.6	349.9	99.9	99.9	50.7	50.
38.3	112.3	12244.2	205.0	-58.4	-59.4	231.9	31.4	24.7	19.4	318.4	349.9	99.9	99.9	55.0	55.
40.9	119.5	13068.9	175.0	-65.4	-59.9	233.5	32.3	26.0	19.2	342.1	349.9	99.9	99.9	59.7	59.
44.5	125.3	14033.7	150.0	-65.9	-59.9	240.0	21.4	18.8	8.0	356.5	349.9	99.9	99.9	66.0	66.
46.1	132.7	15103.5	125.0	-67.3	-59.9	242.3	26.3	23.3	12.3	373.1	349.9	99.9	99.9	72.0	72.
54.4	140.0	16448.2	100.0	-64.8	-59.9	233.9	23.3	18.9	13.9	393.0	349.9	99.9	99.9	78.4	78.
61.1	147.8	18161.0	75.0	-69.9	-59.8	129.5	4.5	-3.5	4.9	426.3	349.9	99.9	99.9	82.9	82.
70.5	156.0	20630.0	50.0	-61.8	-59.9	101.0	5.7	-5.6	1.1	488.0	349.9	99.9	99.9	83.0	83.
84.7	164.3	25045.4	25.0	-51.2	-59.9	44.2	1.9	-1.3	-1.4	637.9	349.9	99.9	99.9	81.4	81.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

31

STATION NO. 261
DEL RIO, TEX

27 APRIL 1975
1115 GMT

158 13. 0

TIME MIN	CNTCT	HEIGHT GCM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	V COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX 9TO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	8.6	314.0	570.6	24.4	20.5	130.0	6.8	-5.2	4.4	302.3	344.5	15.9	79.0	0.0	0.
99.9	99.9	99.9	1005.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	10.5	502.3	550.0	22.4	20.3	133.7	11.4	-8.2	7.9	302.1	344.8	16.1	94.1	0.3	312.
1.5	12.6	734.6	925.0	20.7	19.7	145.8	14.5	-8.0	12.2	302.6	344.8	15.9	94.1	0.9	317.
2.3	14.9	571.8	900.0	19.2	18.1	158.6	16.3	-6.0	15.2	303.3	342.7	14.7	93.1	1.7	324.
3.1	17.1	1214.7	875.0	18.0	16.9	167.0	15.4	-3.5	15.0	304.4	342.1	14.0	92.9	2.5	331.
4.0	19.5	1463.3	850.0	16.5	15.3	167.0	15.0	-3.6	15.6	305.1	340.4	13.0	92.7	3.2	335.
4.9	21.7	1717.9	825.0	15.3	14.1	170.8	13.8	-2.2	13.6	306.4	340.3	12.4	92.6	4.1	337.
5.9	24.2	1979.0	800.0	14.3	6.8	193.8	13.7	3.3	13.3	307.4	329.4	7.8	60.9	4.8	341.
6.7	26.5	2249.2	775.0	17.2	-3.9	223.2	16.3	8.9	13.6	312.8	321.0	3.7	23.4	5.4	347.
7.7	29.1	2528.0	750.0	16.0	-16.7	228.1	15.3	10.6	10.9	314.1	318.5	1.4	9.1	6.0	355.
8.8	31.8	2814.7	725.0	14.3	-24.0	218.5	15.7	9.8	12.3	315.2	317.7	0.8	5.4	6.7	1.
9.9	34.3	3109.1	700.0	12.4	-42.3	214.5	15.3	8.6	12.6	316.3	316.7	0.1	1.0	7.5	5.
11.1	36.9	3412.6	675.0	11.0	-43.1	209.5	14.9	7.3	13.0	318.0	318.5	0.1	1.0	8.4	9.
12.2	39.7	3725.4	650.0	8.2	-26.2	201.7	15.3	5.7	14.2	318.4	321.1	0.8	7.9	9.4	10.
13.5	42.3	4040.8	625.0	4.7	-17.4	194.4	16.5	4.1	15.9	318.0	323.0	1.6	18.4	10.6	11.
14.6	45.2	4377.7	600.0	2.1	-19.7	194.1	20.5	5.0	19.9	318.7	323.1	1.3	19.0	11.9	11.
15.9	48.3	4719.4	575.0	-0.8	-17.6	200.2	21.1	7.3	19.8	319.2	324.6	1.7	26.6	13.5	12.
17.1	51.0	5072.3	550.0	-4.0	-16.9	206.5	18.9	8.4	16.9	319.5	325.4	1.8	35.6	15.0	13.
18.3	54.1	5436.8	525.0	-7.7	-15.7	207.2	23.3	10.6	20.7	319.3	326.2	2.1	52.9	16.4	14.
19.6	57.1	581.5	500.0	-10.4	-15.5	214.2	24.3	14.3	19.6	320.6	328.0	2.3	66.5	18.1	16.
20.9	60.4	6201.1	475.0	-13.9	-27.5	224.6	24.8	17.4	17.7	320.9	321.6	0.9	31.4	19.9	16.
22.2	63.9	6615.3	450.0	-16.6	-60.4	226.9	27.7	20.2	18.9	322.4	322.5	0.0	1.0	21.7	21.
23.6	67.1	7042.6	425.0	-19.5	-62.3	226.4	26.9	19.5	18.5	321.9	324.0	0.0	1.0	23.8	23.
25.3	70.8	7490.2	400.0	-22.5	-64.3	223.1	26.1	17.8	19.1	325.6	325.7	0.0	1.0	26.1	26.
26.8	74.4	7950.9	375.0	-25.8	-66.4	219.8	33.1	20.8	25.8	327.4	327.4	0.0	1.0	28.8	28.
28.4	78.3	8457.7	350.0	-29.1	-66.6	217.0	27.4	16.5	21.9	329.5	329.5	0.0	1.3	31.4	31.
30.1	82.2	8982.8	325.0	-32.8	-65.4	210.1	30.0	15.0	25.9	331.3	331.4	0.0	2.7	34.6	34.
31.9	86.2	9541.4	300.0	-36.9	-65.6	219.7	27.2	17.4	20.9	333.2	333.1	0.1	25.3	37.6	37.
33.7	90.8	10135.7	275.0	-42.8	99.9	221.9	27.7	16.5	20.6	333.3	333.3	99.9	99.9	40.5	40.
35.6	95.4	10771.1	250.0	-48.6	99.9	223.1	33.4	22.9	24.4	333.6	333.6	99.9	99.9	44.1	41.
37.7	100.3	11455.6	225.0	-53.5	99.9	231.1	33.8	26.5	20.9	336.6	336.6	99.9	99.9	47.7	42.
40.2	105.8	12202.0	200.0	-60.3	99.9	230.2	40.1	30.8	25.6	337.3	337.3	99.9	99.9	52.7	43.
42.6	111.5	13025.3	175.0	-65.5	99.9	231.4	36.8	37.9	12.4	341.9	341.9	99.9	99.9	58.1	44.
45.4	117.8	13952.8	150.0	-70.3	99.9	231.9	39.9	36.8	12.4	349.0	349.0	99.9	99.9	63.4	45.
48.5	125.0	15037.7	125.0	-70.6	99.9	234.4	32.4	26.4	18.9	367.1	367.1	99.9	99.9	69.7	46.
52.4	133.0	16363.8	100.0	-72.7	99.9	210.8	22.5	11.5	19.3	367.2	367.2	99.9	99.9	74.6	47.
56.5	141.0	18049.5	75.0	-70.6	99.9	232.7	6.8	7.0	5.3	424.3	424.3	99.9	99.9	80.0	48.
64.5	150.3	20506.0	50.0	-61.6	99.9	209.9	4.4	2.2	3.8	498.5	498.5	99.9	99.9	86.0	49.
73.3	160.0	24286.1	25.0	-54.1	99.9	116.9	3.4	-3.0	1.5	629.0	629.0	99.9	99.9	94.6	50.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEX

27 APRIL 1975
1125 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DEG
00.0	120.0	30.0	906.9	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
00.9	99.9	54.5	1000.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
01.9	99.9	99.9	971.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
02.9	99.9	99.9	950.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
03.9	99.9	99.9	924.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
04.9	99.9	99.9	899.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
05.9	99.9	99.9	874.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
06.9	99.9	99.9	849.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
07.9	99.9	99.9	824.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
08.9	99.9	99.9	799.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
09.9	99.9	99.9	774.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
10.9	99.9	99.9	749.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
11.9	99.9	99.9	724.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
12.9	99.9	99.9	699.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
13.9	99.9	99.9	674.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
14.9	99.9	99.9	649.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
15.9	99.9	99.9	624.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
16.9	99.9	99.9	599.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
17.9	99.9	99.9	574.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
18.9	99.9	99.9	549.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
19.9	99.9	99.9	524.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
20.9	99.9	99.9	499.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
21.9	99.9	99.9	474.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
22.9	99.9	99.9	449.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
23.9	99.9	99.9	424.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
24.9	99.9	99.9	399.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
25.9	99.9	99.9	374.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
26.9	99.9	99.9	349.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
27.9	99.9	99.9	324.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
28.9	99.9	99.9	299.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
29.9	99.9	99.9	274.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
30.9	99.9	99.9	249.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
31.9	99.9	99.9	224.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
32.9	99.9	99.9	199.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
33.9	99.9	99.9	174.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
34.9	99.9	99.9	149.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
35.9	99.9	99.9	124.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
36.9	99.9	99.9	99.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
37.9	99.9	99.9	74.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
38.9	99.9	99.9	49.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
39.9	99.9	99.9	24.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
40.9	99.9	99.9	0.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
41.9	99.9	99.9	74.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
42.9	99.9	99.9	49.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
43.9	99.9	99.9	24.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
44.9	99.9	99.9	0.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
45.9	99.9	99.9	74.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
46.9	99.9	99.9	49.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
47.9	99.9	99.9	24.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
48.9	99.9	99.9	0.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
49.9	99.9	99.9	74.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
50.9	99.9	99.9	49.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
51.9	99.9	99.9	24.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
52.9	99.9	99.9	0.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
53.9	99.9	99.9	74.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
54.9	99.9	99.9	49.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
55.9	99.9	99.9	24.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
56.9	99.9	99.9	0.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
57.9	99.9	99.9	74.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
58.9	99.9	99.9	49.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
59.9	99.9	99.9	24.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.
60.9	99.9	99.9	0.0	20.0	17.8	190.0	6.2	1.1	6.1	303.4	301.8	14.3	87.0	0.0	0.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEX

27 APRIL 1975
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

146 24. 1

TIME MIN	CNCT	WEIGHT GPA	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE AZ KM	AZ DG
0.0	17.3	1193.0	876.1	11.6	-3.3	285.0	7.7	7.4	-2.0	296.2	305.8	3.4	35.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	17.4	1253.5	875.0	11.5	-4.3	285.6	5.8	5.6	-1.6	296.2	305.3	3.2	33.1	0.1	16.
99.9	99.9	99.9	1444.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.6	22.1	1691.2	825.0	8.3	-7.6	276.6	15.2	15.1	-1.8	297.7	305.9	2.9	34.5	1.2	104.
2.4	24.7	1944.7	800.0	7.1	-4.7	260.5	16.8	16.6	2.8	298.2	306.8	3.4	42.8	1.9	99.
3.2	27.1	2205.3	775.0	6.4	-2.8	245.4	18.7	17.0	7.8	301.2	312.6	4.0	51.8	2.7	91.
4.0	29.8	2474.1	750.0	5.6	-3.7	228.5	19.3	14.5	12.8	303.2	314.3	3.9	51.0	7.6	82.
4.9	32.4	2750.8	725.0	3.7	-5.8	217.1	22.2	13.4	17.7	304.0	313.9	3.4	49.7	4.4	73.
5.8	35.2	3034.8	700.0	1.5	-7.2	214.7	25.5	14.5	21.0	304.6	313.9	3.2	52.1	5.5	65.
6.7	37.7	3326.6	675.0	-1.0	-9.2	212.7	27.1	16.2	21.7	304.9	313.3	2.8	53.3	6.8	59.
7.7	40.5	3626.7	650.0	-3.2	-11.6	222.5	28.3	19.1	20.9	305.6	312.9	2.4	52.2	8.3	55.
8.7	43.2	3936.2	625.0	-4.9	-17.3	229.7	32.4	24.6	20.9	307.1	311.9	1.6	37.0	10.1	53.
9.7	46.2	4256.3	600.0	-6.8	-25.7	232.9	33.8	27.0	20.4	308.3	310.8	0.8	20.5	12.1	53.
10.8	48.2	4587.0	575.0	-9.3	-26.6	232.6	35.7	28.3	20.4	308.3	310.8	0.8	22.9	14.4	53.
11.9	52.0	4930.3	550.0	-12.3	-31.3	225.7	38.1	29.1	24.6	312.5	314.2	0.5	15.2	16.9	53.
13.2	55.2	5287.5	525.0	-12.3	-33.2	227.0	40.9	29.9	27.9	313.7	315.2	0.4	15.4	20.0	52.
14.4	58.3	5658.3	500.0	-13.2	-38.7	223.5	43.3	28.4	29.9	313.8	317.1	0.4	15.5	22.9	51.
15.6	61.6	6047.3	475.0	-15.9	-46.0	221.0	48.2	27.7	31.9	318.4	319.7	0.4	15.7	25.8	50.
16.8	65.0	6452.6	450.0	-18.3	-54.9	220.7	53.1	28.1	32.7	320.2	321.2	0.3	14.3	29.0	49.
18.0	68.3	6876.9	425.0	-21.2	-64.8	214.2	59.6	24.5	31.1	321.8	322.4	0.2	9.8	32.0	48.
19.4	71.9	7321.1	400.0	-24.7	-77.3	216.4	66.6	24.1	32.7	322.8	323.3	0.1	10.1	35.2	47.
21.0	75.7	7787.5	375.0	-28.0	-93.7	217.5	74.2	23.8	33.5	324.4	324.9	0.1	10.4	38.0	46.
22.7	79.7	8278.7	350.0	-32.2	-105.5	216.8	82.2	27.1	36.2	325.2	325.5	0.1	11.2	43.4	45.
24.4	83.5	8797.6	325.0	-36.4	-121.1	214.8	90.9	25.1	36.0	326.4	326.7	0.1	12.3	47.8	44.
26.3	87.7	9348.5	300.0	-40.0	-139.9	212.6	100.4	27.2	42.5	328.0	328.9	99.9	99.9	52.7	43.
28.1	92.2	9936.7	275.0	-44.7	-160.7	214.3	111.4	26.6	38.9	330.4	330.9	99.9	99.9	58.7	42.
30.0	96.8	10587.1	250.0	-49.4	-184.9	217.8	123.8	32.2	41.6	332.6	332.9	99.9	99.9	64.9	42.
32.3	101.8	11249.9	225.0	-54.7	-215.0	215.0	137.4	23.9	34.2	334.7	334.7	99.9	99.9	79.1	41.
35.1	107.5	11933.9	200.0	-59.9	-244.5	214.5	152.4	34.7	35.3	337.9	337.9	99.9	99.9	97.6	43.
38.0	113.3	12644.0	175.0	-59.7	-274.7	217.7	168.7	32.3	28.4	351.4	351.4	99.9	99.9	109.2	42.
41.8	119.7	13786.1	150.0	-58.4	-305.9	216.5	186.5	28.0	18.5	369.4	369.4	99.9	99.9	134.2	42.
46.3	127.0	14946.9	125.0	-52.6	-338.9	214.2	209.9	10.9	16.0	392.9	392.9	99.9	99.9	172.2	43.
50.5	135.0	16344.8	100.0	-44.0	-374.9	182.9	238.9	0.7	14.1	408.2	408.2	99.9	99.9	210.2	42.
55.8	143.0	18073.1	75.0	-33.8	-414.9	221.9	274.9	9.5	10.6	430.2	430.2	99.9	99.9	248.2	42.
64.4	152.0	20559.8	50.0	-29.9	-459.9	231.0	314.9	3.2	2.6	502.4	502.4	99.9	99.9	286.2	42.
77.2	161.7	24977.0	25.0	-23.3	-509.9	99.9	99.9	9.9	99.9	631.8	631.8	99.9	99.9	324.2	42.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENN

27 APRIL 1975

1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

161 15. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	180.0	999.6	12.1	9.8	30.0	2.1	-1.0	-1.8	286.3	306.0	7.7	86.0	0.0	0.
96.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.8	6.5	390.5	975.0	15.6	11.4	176.8	7.0	-0.4	7.0	292.0	314.8	8.7	76.3	0.3	274.
1.6	8.6	612.7	950.3	19.2	6.3	177.8	6.1	-0.2	6.1	297.6	317.3	7.2	49.3	0.5	313.
2.5	10.5	842.3	925.0	19.4	0.4	205.8	2.5	1.1	2.3	299.8	312.3	4.4	28.8	0.6	330.
3.3	12.6	1077.0	900.0	17.6	6.5	228.1	3.0	3.0	0.1	300.6	319.8	7.0	49.9	0.7	340.
4.2	14.7	1317.2	875.0	15.2	11.1	223.3	4.1	4.1	-0.2	300.9	326.7	9.5	76.1	0.6	356.
5.0	16.7	1562.1	850.0	13.4	10.7	223.1	4.6	4.6	-0.2	301.5	327.5	9.6	83.6	0.6	16.
6.0	18.9	1813.9	825.0	11.6	9.7	225.8	4.6	4.6	-0.9	302.1	327.2	9.2	88.2	0.7	39.
6.8	21.0	2071.2	800.0	10.6	4.0	282.1	4.1	4.0	-0.9	303.4	327.9	7.4	73.2	0.9	51.
7.9	23.4	2335.4	775.0	8.8	4.0	247.7	3.6	3.2	-1.7	304.1	322.6	6.6	72.1	1.0	64.
8.9	25.6	2600.5	750.0	7.1	2.0	290.7	3.9	3.6	-1.4	305.0	321.7	5.9	69.9	1.1	72.
4.9	27.9	2840.4	725.0	5.0	-2.2	292.9	5.4	5.0	-2.1	305.5	319.5	4.5	59.5	1.3	74.
10.9	30.4	3171.0	700.0	5.2	-14.2	307.0	6.0	5.1	-3.2	307.5	314.3	1.9	24.2	1.7	87.
12.7	33.0	3478.1	675.0	5.3	-12.5	322.8	5.1	3.1	-4.0	311.8	314.5	2.2	26.3	2.0	94.
13.0	35.5	3775.2	650.0	2.8	-12.0	343.2	6.1	1.8	-5.8	312.5	319.6	2.3	32.4	2.1	102.
14.1	38.0	4090.7	625.0	0.2	-16.1	362.0	7.7	2.4	-7.3	312.8	318.3	1.7	28.0	2.3	112.
15.2	40.6	4415.8	600.0	-2.3	-13.5	339.4	9.1	3.2	-6.5	313.8	320.7	2.2	41.6	2.6	120.
16.4	43.4	4753.0	575.0	-5.2	-13.8	330.3	11.6	5.8	-10.1	314.1	321.2	2.3	50.8	3.4	124.
17.6	46.3	5100.2	550.0	-8.3	-15.3	333.7	13.8	6.1	-12.4	314.5	321.1	2.1	56.9	4.3	132.
18.9	49.3	5459.3	525.0	-11.3	-21.2	323.3	12.4	7.4	-9.9	315.0	319.1	1.3	43.7	5.2	138.
20.2	52.1	5831.9	500.0	-13.8	-29.8	303.6	13.8	11.5	-7.6	316.2	318.4	0.6	24.7	6.2	134.
21.6	55.1	6220.7	475.0	-16.0	-23.2	309.2	16.3	12.6	-10.3	318.3	322.4	1.2	53.7	7.5	134.
23.0	58.4	6625.9	450.0	-19.8	-21.7	309.5	16.5	13.0	-10.3	319.0	324.6	1.5	77.9	8.9	131.
24.5	61.9	7049.6	425.0	-21.4	-25.2	311.2	16.2	12.2	-10.7	321.6	325.4	1.2	71.4	10.4	133.
26.1	65.4	7494.5	400.0	-24.4	-28.5	314.5	16.6	13.2	-13.0	321.3	326.4	0.9	64.3	12.0	133.
27.7	69.0	7961.5	375.0	-27.7	-34.1	314.4	19.3	13.6	-13.5	324.9	326.9	0.6	54.2	13.8	133.
29.4	72.8	8454.1	350.0	-31.5	-38.7	312.4	21.1	15.6	-14.2	326.2	327.6	0.4	48.5	15.9	133.
31.1	76.8	8974.2	325.0	-35.5	-43.1	307.0	21.2	17.0	-17.5	327.7	328.6	0.3	45.0	18.0	133.
33.0	81.0	9527.5	300.0	-39.2	99.9	308.8	21.9	17.1	-17.1	330.1	999.9	99.9	99.9	20.4	132.
34.9	85.5	10117.8	275.0	-44.2	99.9	308.4	23.2	18.2	-14.4	331.2	999.9	99.9	999.9	23.1	132.
37.0	90.3	10746.7	250.0	-50.2	99.9	308.2	23.1	18.2	-14.3	331.5	999.9	99.9	999.9	25.0	131.
39.5	95.5	11425.9	225.0	-55.4	99.9	312.4	28.9	19.3	-21.6	333.6	999.9	99.9	999.9	29.8	132.
42.2	101.0	12159.5	200.0	-61.7	99.9	317.4	34.4	25.4	-23.2	335.0	999.9	99.9	999.9	35.0	132.
44.9	107.3	12986.2	175.0	-67.4	99.9	315.5	39.2	27.4	-27.9	337.9	999.9	99.9	999.9	41.0	132.
48.1	114.0	13902.8	150.0	-63.9	99.9	311.9	29.1	21.7	-19.4	339.7	999.9	99.9	999.9	47.5	133.
51.8	122.0	14995.3	125.0	-68.6	99.9	315.4	28.7	20.2	-20.5	370.8	999.9	99.9	999.9	51.1	133.
56.2	130.7	16341.9	100.0	-66.4	99.9	319.4	22.6	14.7	-17.2	399.4	999.9	99.9	999.9	53.7	133.
61.8	140.6	18083.6	75.0	-65.6	99.9	325.6	18.5	8.2	-12.0	435.0	999.9	99.9	999.9	65.0	134.
65.2	149.7	20583.1	50.0	-61.4	99.9	41.8	7.4	-5.0	-5.5	499.0	999.9	99.9	999.9	67.6	136.
80.9	160.0	25003.3	25.0	-51.4	99.9	999.9	99.9	99.9	99.9	636.9	999.9	99.9	999.9	999.9	999.

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
• BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
• BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARK27 APRIL 1975
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	79.0	1007.1	20.6	18.4	220.0	2.1	1.3	1.6	294.9	329.5	13.3	87.0	0.0	0.
0.2	6.1	140.6	1000.0	21.7	20.8	212.1	5.6	3.0	4.8	297.0	337.7	15.7	94.4	0.3	38.
1.0	8.3	361.7	975.0	22.3	20.2	210.3	9.0	4.5	7.8	299.7	340.5	15.5	87.9	0.5	36.
1.8	10.5	588.4	950.0	21.8	19.8	200.7	11.7	4.1	10.9	301.4	342.6	15.5	88.4	1.0	31.
2.6	12.6	820.3	925.0	20.6	17.8	193.0	12.2	2.7	11.9	302.3	339.9	14.1	84.3	1.6	25.
3.4	14.9	1057.3	900.0	19.7	13.5	192.9	12.8	2.8	12.5	303.3	332.9	10.9	67.4	2.2	22.
4.2	17.1	1300.1	875.0	19.2	6.2	190.0	12.6	2.2	12.5	304.7	323.8	6.8	42.6	2.8	20.
5.1	19.5	1548.8	850.0	17.6	5.0	184.6	12.8	1.9	12.7	305.5	323.6	6.4	43.3	3.5	18.
5.9	21.6	1803.3	825.0	15.7	6.0	177.7	11.8	-0.5	11.8	306.2	326.7	7.2	52.6	4.1	16.
6.9	24.1	2063.7	800.0	13.2	5.8	176.8	12.2	-0.7	12.2	306.2	326.7	7.3	60.7	4.8	13.
7.8	26.4	2330.2	775.0	11.2	4.9	182.4	12.2	0.5	12.2	306.8	324.7	7.1	65.3	5.4	11.
8.8	28.0	2603.3	750.0	9.0	5.7	190.3	13.1	2.3	12.9	307.4	329.0	7.7	79.6	6.1	10.
9.8	31.6	2884.2	725.0	9.0	-15.0	199.2	13.0	4.3	12.2	309.7	316.8	2.4	24.9	7.0	11.
10.9	34.3	3174.9	700.0	9.6	-28.7	207.3	12.2	5.6	10.9	313.2	314.9	0.5	4.7	7.8	12.
12.0	36.8	3475.6	675.0	8.2	-30.9	214.6	12.1	6.9	9.9	314.8	316.3	0.4	4.3	8.5	14.
13.1	39.7	3785.3	650.0	5.6	-26.4	216.9	10.6	6.4	8.5	315.3	317.2	0.6	6.1	9.2	16.
14.3	42.2	4104.7	625.0	3.9	-23.6	214.2	7.7	4.3	6.4	317.0	320.0	0.9	11.3	9.8	17.
15.5	45.2	4434.4	600.0	0.9	-20.6	213.7	7.2	4.0	6.0	317.3	321.3	1.2	18.1	10.3	18.
16.7	48.3	4774.9	575.0	-1.5	-15.4	227.5	8.8	6.5	6.0	318.4	324.8	2.0	33.9	10.9	19.
18.2	51.1	5127.3	550.0	-4.1	-10.5	247.6	9.1	8.1	4.2	319.6	329.4	3.1	61.6	11.5	22.
19.5	54.3	5492.4	525.0	-7.5	-9.4	246.7	8.3	7.6	3.3	319.8	330.9	3.6	86.9	12.1	24.
20.9	57.3	5870.8	500.0	-10.0	-17.8	241.5	8.7	7.8	3.7	321.0	327.1	1.9	52.7	12.6	26.
22.2	60.6	6244.1	475.0	-13.6	-18.5	237.3	8.1	7.5	3.1	321.4	327.4	1.9	66.5	13.1	28.
23.5	64.0	6672.6	450.0	-17.2	-18.4	231.6	8.4	8.3	2.5	321.8	328.2	2.0	90.7	13.5	30.
24.9	67.4	7099.4	425.0	-19.2	-42.3	226.4	12.4	12.1	2.5	324.3	325.2	0.2	12.2	14.1	32.
26.3	70.9	7543.5	400.0	-21.9	-50.7	229.1	14.1	14.1	0.2	326.4	326.8	0.1	5.3	14.9	36.
28.1	74.8	8019.8	375.0	-25.8	-50.8	229.3	15.4	15.4	0.2	327.4	327.8	0.1	7.4	15.9	41.
30.0	78.8	8515.6	350.0	-29.8	-50.1	227.9	15.2	15.2	0.6	328.4	328.9	0.1	11.9	17.0	45.
32.1	82.8	9040.0	325.0	-33.7	-42.6	224.3	19.3	19.3	-1.4	330.2	331.2	0.3	41.2	18.6	50.
34.2	87.0	9548.0	300.0	-36.2	-41.7	227.5	17.6	17.4	-2.3	334.3	335.5	0.3	1.5	20.3	55.
36.4	91.8	10195.2	275.0	-41.8	99.9	232.8	12.5	11.5	-5.1	334.7	339.9	99.9	99.9	21.7	58.
38.6	96.4	10833.8	250.0	-47.1	99.9	230.0	14.4	14.1	-2.5	336.0	339.9	99.9	99.9	22.9	52.
41.1	101.5	11521.3	225.0	-53.4	99.9	223.5	17.0	17.0	-1.0	336.4	339.9	99.9	99.9	24.0	65.
44.0	107.3	12247.2	200.0	-60.3	99.9	222.9	22.6	22.5	-1.1	337.2	339.9	99.9	99.9	27.7	68.
47.1	113.3	13087.4	175.0	-66.5	99.9	226.0	30.6	30.5	2.1	340.3	339.9	99.9	99.9	32.4	71.
50.4	119.7	14006.6	150.0	-72.8	99.9	220.8	32.9	32.9	-0.5	344.7	339.9	99.9	99.9	39.2	74.
54.8	127.0	15102.6	125.0	-65.3	99.9	229.2	22.4	22.1	-3.6	376.8	339.9	99.9	99.9	45.6	77.
59.9	135.0	16462.8	100.0	-65.7	99.9	231.0	19.3	19.0	-3.7	400.9	339.9	99.9	99.9	51.4	80.
65.4	143.0	18196.2	75.0	-67.3	99.9	301.2	4.1	6.9	-4.2	431.9	339.9	99.9	99.9	55.9	82.
74.9	151.7	20648.3	50.0	-64.7	99.9	37.6	4.2	-2.6	-3.3	431.2	339.9	99.9	99.9	56.9	86.
87.5	160.7	25023.8	25.0	-52.3	99.9	35.7	0.5	-0.3	-0.4	634.7	339.9	99.9	99.9	53.9	86.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETTE, MO

27 APRIL 1975
1115 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCY	RANGE KM	AZ DG
0.0	8.1	438.0	963.9	19.9	18.4	170.0	4.2	-3.2	2.7	298.0	334.7	14.0	91.0	0.0	0.0
05.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
08.9	99.9	99.9	995.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
3.4	9.2	563.1	950.0	20.3	18.5	165.8	14.1	-3.4	13.0	299.8	337.4	14.3	88.9	0.4	332.0
1.3	11.3	798.2	925.0	20.0	16.8	180.5	15.9	0.1	15.9	301.5	336.8	13.2	81.9	1.0	348.0
2.1	13.1	1031.3	900.0	20.4	13.7	184.3	18.9	5.9	18.0	304.1	334.2	11.1	65.4	1.4	357.0
3.9	15.6	1274.7	875.0	19.4	12.6	206.0	19.7	8.6	17.7	305.4	336.3	11.3	69.1	2.7	5.0
3.9	17.6	1523.8	850.0	17.6	13.1	211.0	18.5	9.5	15.9	306.1	337.0	11.2	74.7	3.7	13.0
4.7	20.1	1728.8	825.0	15.9	10.9	205.9	19.4	8.5	17.5	306.8	334.4	10.0	72.0	4.7	16.0
5.8	22.5	2040.1	800.0	14.2	6.9	201.7	18.9	6.3	15.7	307.3	329.4	7.9	61.4	5.9	17.0
6.8	24.8	2327.9	775.0	12.1	6.7	204.9	17.4	7.3	15.8	308.1	329.4	9.2	79.8	6.9	18.0
7.9	27.2	2581.9	750.0	9.4	8.7	204.7	15.7	7.8	13.6	308.0	333.2	9.0	90.7	7.9	20.0
8.9	29.8	2862.7	725.0	7.0	2.9	203.0	16.1	7.8	14.1	308.1	326.9	6.6	75.4	8.9	21.0
10.9	32.4	3152.2	700.0	8.3	-24.0	211.0	16.3	8.4	14.0	311.7	318.4	0.7	8.1	11.0	22.0
10.9	34.8	3451.4	675.0	7.0	-24.8	216.8	16.7	10.3	13.4	313.6	316.1	0.6	8.0	9.9	22.0
12.1	37.5	3750.4	650.0	5.1	-26.0	220.2	16.8	10.8	12.8	316.2	318.4	0.7	8.5	12.9	25.0
13.0	40.0	4078.7	625.0	3.2	-27.2	223.6	15.8	10.9	11.4	316.2	318.4	0.7	8.5	12.9	25.0
14.3	42.9	4308.2	600.0	1.2	-13.4	230.1	14.2	12.5	10.2	317.7	325.3	2.4	34.8	13.8	27.0
15.5	45.8	4789.3	575.0	-1.4	-10.1	230.1	14.4	14.9	12.5	318.7	325.3	3.1	51.5	15.1	29.0
16.8	47.7	5132.2	550.0	-3.4	-15.0	224.5	14.8	13.9	14.1	319.9	330.1	3.3	62.5	16.5	31.0
18.1	51.5	5489.0	525.0	-6.1	-11.4	224.0	14.2	12.0	13.8	321.3	327.6	2.0	42.6	18.1	32.0
18.4	54.5	5847.5	500.0	-9.9	-17.2	218.1	14.8	11.6	14.8	321.2	327.6	2.0	54.8	19.1	32.0
20.8	57.6	6243.6	475.0	-13.7	-11.9	220.5	14.1	11.8	13.8	321.3	329.2	2.1	76.3	21.1	33.0
22.2	60.9	6643.0	450.0	-17.4	-12.0	224.8	20.5	14.4	14.0	321.5	326.2	1.5	67.3	22.6	34.0
23.7	64.0	7078.7	425.0	-20.3	-22.1	224.1	14.9	14.4	6.7	323.1	328.1	1.5	45.0	24.0	35.0
25.4	67.3	7511.7	400.0	-23.1	-42.9	224.9	14.2	14.2	4.4	325.0	325.7	0.2	14.4	25.5	37.0
26.9	70.1	7921.7	375.0	-26.4	-19.7	227.3	15.3	16.7	7.4	326.6	327.4	0.3	27.2	26.7	38.0
28.5	74.5	8455.6	350.0	-31.0	-34.2	226.2	24.0	21.1	4.0	326.6	327.4	0.4	49.3	28.8	41.0
30.0	78.5	9008.9	325.0	-34.0	-36.4	226.7	22.6	21.7	6.3	329.7	331.2	0.7	64.1	30.5	43.0
31.8	82.3	9500.5	300.0	-38.2	-39.9	254.4	20.5	20.1	3.1	331.4	329.9	94.9	999.9	32.6	45.0
34.0	86.5	10136.4	275.0	-43.5	-39.9	254.4	20.1	19.6	4.7	332.2	329.9	99.9	999.9	34.1	48.0
36.3	91.2	10759.8	250.0	-49.1	-35.9	259.9	19.5	19.2	3.4	332.1	329.9	99.9	999.9	37.4	50.0
38.7	95.8	11473.3	225.0	-54.4	-39.9	257.6	20.2	15.7	4.3	335.1	329.9	99.9	999.9	40.0	52.0
41.1	100.4	12216.5	200.0	-61.0	-39.9	256.1	21.8	21.2	5.2	336.1	329.9	99.9	999.9	42.7	53.0
43.8	106.5	13134.6	175.0	-66.6	-39.9	252.3	30.0	21.6	9.1	342.1	329.9	99.9	999.9	47.1	55.0
47.1	112.5	13931.8	150.0	-72.3	-39.9	253.3	30.8	26.5	6.9	345.5	329.9	99.9	999.9	52.9	57.0
51.3	116.3	15053.1	125.0	-65.1	-39.9	279.7	17.5	17.2	-3.0	375.3	329.9	99.9	999.9	58.4	60.0
55.7	127.0	17405.4	100.0	-67.3	-39.9	280.2	12.8	12.6	-3.0	375.7	329.9	99.9	999.9	62.2	62.0
61.8	136.0	18142.6	75.0	-67.3	-39.9	253.9	9.7	8.9	-3.4	431.8	329.9	99.9	999.9	68.0	64.0
70.8	145.0	20626.8	50.0	-60.5	-39.9	71.1	4.2	-3.9	-1.3	501.0	329.9	99.9	999.9	65.3	66.0
84.2	154.7	25035.9	25.0	-52.1	-39.9	31.0	4.1	-2.1	-3.6	635.3	329.9	99.9	999.9	61.7	68.0

° BY SPEED MEANS ELEVATION ANGLE 10° EN 4 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME .IVE SPEN I-INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
 AMARILLO, TEX

 27 APRIL 1975
 1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRCS MR	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DEG K	F POY T DEG K	MX PTD G4/KG	RM PCT	156 RANGE KM	14. 0 AZ DG
0.0	14.9	1095.0	881.0	17.8	14.5	170.0	10.3	-1.8	10.1	303.3	335.5	11.9	81.0	3.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6.2	15.4	1153.5	875.0	17.8	15.5	182.2	15.3	0.6	15.3	304.5	334.5	12.8	86.3	0.3	356.
1.0	17.5	1402.1	850.0	16.1	15.2	190.4	14.3	3.3	14.0	305.0	340.1	12.9	93.1	0.9	1.
1.9	19.9	1656.6	825.0	14.9	13.9	202.2	23.2	8.8	21.4	308.0	339.3	12.2	93.3	1.9	10.
2.7	21.0	1917.8	800.0	13.9	12.4	210.5	24.7	12.6	21.3	307.5	334.8	11.7	93.3	3.1	17.
3.7	24.5	2185.7	775.0	11.8	10.7	217.3	24.4	14.8	19.4	305.0	337.3	10.6	92.9	4.5	22.
4.5	26.7	2460.1	750.0	9.9	8.8	225.3	23.9	16.1	17.7	308.6	335.4	9.6	92.7	5.7	26.
5.4	29.1	2741.9	725.0	8.9	3.2	228.5	20.9	14.6	14.9	310.2	323.3	6.7	67.1	7.1	30.
6.4	31.8	3032.7	700.0	9.2	2.3	235.9	23.0	13.5	14.7	312.4	331.0	6.4	65.4	8.7	32.
7.9	34.4	3372.1	675.0	5.8	2.3	264.9	23.7	10.0	21.5	313.0	332.6	6.4	78.5	10.2	31.
9.1	37.0	3640.7	650.0	4.9	-14.0	197.7	24.1	7.9	24.9	314.7	319.3	1.4	17.0	11.9	30.
10.3	39.8	3659.1	625.0	2.2	-19.4	192.7	23.7	5.2	23.1	315.1	319.4	1.3	18.2	13.7	28.
11.6	42.3	4276.9	600.0	-0.7	-20.7	190.8	23.9	4.5	23.5	315.4	319.4	1.2	20.2	15.4	26.
12.8	45.3	4624.2	575.0	-3.6	-21.6	193.2	24.9	6.2	24.2	315.8	319.7	1.2	23.2	17.2	24.
14.0	48.3	4974.2	550.0	-6.6	-23.6	194.6	29.3	7.4	28.4	316.4	319.6	1.0	24.3	19.1	23.
15.1	51.1	5335.9	525.0	-9.3	-26.8	199.4	31.4	10.4	29.6	317.4	320.1	0.8	22.5	21.3	23.
16.4	54.3	5711.2	500.0	-12.3	-27.1	203.3	37.8	15.0	34.7	318.2	322.1	1.2	39.9	23.8	23.
17.7	57.3	6101.1	475.0	-15.3	-23.9	204.3	36.3	15.0	33.1	317.1	322.9	1.2	47.8	26.7	23.
18.9	60.6	6507.3	450.0	-18.0	-26.3	205.6	38.8	16.8	32.0	320.6	323.9	1.0	47.9	29.8	23.
20.5	64.1	6933.4	425.0	-19.9	-26.3	205.2	31.0	13.2	28.1	323.6	327.1	1.0	44.0	32.6	23.
22.0	67.6	7370.1	400.0	-23.8	-30.9	208.9	33.7	16.3	29.5	324.0	326.5	0.7	51.8	35.7	23.
23.6	71.0	7847.6	375.0	-27.7	-32.6	211.6	33.6	17.6	24.7	324.9	327.2	0.7	63.0	38.8	24.
25.2	75.0	8334.8	350.0	-31.5	-36.9	213.9	38.2	21.3	31.7	324.2	327.6	0.5	54.6	42.1	25.
27.0	79.0	8860.2	325.0	-35.4	-41.5	213.9	33.6	19.7	27.9	327.8	328.9	0.3	53.3	46.3	26.
28.9	83.2	9412.0	300.0	-40.2	-45.9	207.8	47.8	23.2	44.0	328.7	328.9	99.9	99.9	51.4	26.
30.7	87.6	9999.4	275.0	-43.3	-49.9	204.5	44.3	19.8	39.6	329.6	329.9	99.9	99.9	56.1	26.
32.8	92.4	10629.5	250.0	-49.9	-49.9	212.7	31.7	17.2	26.7	331.9	329.9	99.9	99.9	61.0	26.
35.0	97.4	11310.1	225.0	-55.2	-55.2	213.4	33.8	14.6	28.2	333.9	329.9	99.9	99.9	64.8	27.
37.5	102.8	12053.7	200.0	-63.0	-63.0	205.8	42.0	20.9	36.5	337.8	329.9	99.9	99.9	70.4	27.
40.3	109.0	12882.5	175.0	-62.4	-62.4	205.8	45.6	19.9	41.0	346.9	329.9	99.9	99.9	78.0	27.
43.3	115.4	13812.0	150.0	-62.7	-62.7	220.1	35.3	22.8	27.0	362.1	329.9	99.9	99.9	85.3	27.
47.4	123.0	14668.0	125.0	-59.0	-59.0	226.6	11.9	11.8	1.1	386.2	329.9	99.9	99.9	91.7	29.
50.8	131.5	16344.0	100.0	-68.1	-68.1	204.9	24.8	10.5	22.5	399.2	329.9	99.9	99.9	95.6	30.
54.5	141.0	18095.5	75.0	-61.6	-61.6	221.6	18.3	12.2	17.7	439.7	329.9	99.9	99.9	99.8	30.
64.2	151.5	20605.1	50.0	-60.1	-60.1	99.9	79.6	5.9	-1.1	501.9	329.9	99.9	99.9	100.2	29.
74.9	163.5	25017.2	25.0	-53.3	-53.3	77.1	6.1	-6.0	-1.4	631.6	329.9	99.9	99.9	99.8	28.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, N MEX

27 APRIL 1975
1115 GMT

TIME MIN	CNCT	HEIGHT GPA	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGF KM	AZ OG
0.0	22.5	1619.0	829.0	7.2	-2.8	260.0	7.7	7.6	1.3	296.3	306.8	3.8	49.0	0.0	0.
95.9	95.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
95.9	95.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
95.9	95.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
95.9	95.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
95.9	95.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
95.9	95.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
95.9	95.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	22.9	1658.7	825.0	6.3	-6.2	264.5	13.8	13.8	1.3	245.7	304.0	2.9	40.3	0.3	68.
1.0	25.5	1810.4	800.0	4.7	-6.7	259.9	17.4	17.1	3.0	296.6	304.8	2.9	41.1	0.9	64.
1.9	28.0	2168.5	775.0	3.4	-7.6	246.7	18.5	17.0	7.3	297.8	305.8	2.8	44.4	1.9	79.
2.8	30.8	2434.1	750.0	2.1	-7.6	228.5	13.7	10.3	9.1	299.2	307.5	2.9	48.6	2.7	73.
3.8	33.6	2706.5	725.0	0.2	-8.4	220.1	15.7	10.1	12.0	300.0	308.1	2.8	52.3	3.4	46.
4.7	36.2	2976.9	700.0	-2.3	-9.3	210.4	16.2	8.2	13.9	300.3	309.1	2.7	56.3	4.2	60.
5.7	39.0	3274.5	675.0	-4.7	-10.6	207.9	16.7	7.9	14.9	300.7	308.0	2.5	63.1	5.1	54.
6.8	41.8	3570.2	650.0	-7.4	-12.7	202.6	19.7	7.6	19.2	300.9	307.4	2.2	65.4	6.1	49.
7.9	44.9	3874.5	625.0	-9.4	-13.5	194.6	21.5	5.4	20.4	301.9	308.3	2.1	71.7	7.4	43.
9.0	47.9	4184.2	600.0	-11.7	-15.0	193.5	22.9	5.3	22.3	302.6	308.7	2.0	76.4	8.6	38.
10.2	50.9	4513.6	575.0	-14.5	-21.9	198.8	28.1	9.3	24.6	303.2	308.7	1.2	83.3	10.3	34.
11.3	53.1	4849.6	550.0	-16.0	-38.6	205.1	32.5	13.8	29.4	305.0	305.9	0.2	12.2	12.4	32.
12.5	57.1	5192.4	525.0	-19.4	-40.3	207.9	35.3	16.5	31.2	304.3	307.1	0.2	12.4	14.7	31.
13.7	60.6	5560.6	500.0	-21.2	-42.4	208.1	35.2	18.5	34.8	307.2	307.5	0.2	12.7	17.6	31.
15.2	64.1	5937.8	475.0	-22.9	-43.7	207.7	44.1	20.5	39.1	309.6	310.2	0.2	12.8	21.1	30.
16.9	67.6	6322.8	450.0	-24.2	-45.1	206.7	50.6	22.8	45.2	312.7	311.2	0.1	11.0	26.1	30.
19.4	71.0	6750.2	425.0	-24.0	-45.5	198.1	59.3	18.3	56.1	318.1	318.7	0.1	11.7	34.2	28.
21.4	75.0	7192.9	400.0	-26.2	-47.0	195.0	50.2	13.0	41.5	320.9	321.4	0.1	11.9	40.7	26.
23.7	78.0	7655.7	375.0	-28.4	-48.7	195.6	52.7	14.1	50.8	323.9	324.4	0.1	12.1	44.6	25.
24.0	81.0	8146.2	350.0	-32.5	-51.8	195.4	58.7	15.6	55.6	324.8	325.2	0.1	12.5	49.8	24.
25.6	87.2	8663.7	325.0	-37.0	-55.2	195.5	51.7	13.8	49.8	325.6	325.9	0.1	12.9	53.9	23.
27.6	91.8	9212.2	300.0	-41.2	-59.9	195.4	52.2	13.8	50.4	327.3	327.3	0.0	99.9	61.0	21.
29.9	96.4	9777.4	275.0	-45.5	-64.9	195.4	54.9	11.9	51.9	329.4	329.4	0.0	99.9	68.2	22.
32.5	101.4	10427.4	250.0	-49.6	-69.9	192.1	65.0	13.6	63.5	332.3	332.3	0.0	99.9	76.2	22.
36.2	107.0	11107.2	225.0	-55.0	-75.9	204.1	29.5	12.0	26.9	334.2	334.2	0.0	99.9	87.4	21.
39.2	112.5	11857.1	200.0	-56.1	-79.9	204.7	53.8	22.3	48.5	344.0	344.0	0.0	99.9	97.3	22.
42.8	118.8	12712.0	175.0	-57.6	-83.9	216.2	42.3	25.0	34.7	343.2	343.2	0.0	99.9	107.5	22.
47.0	125.4	13711.1	150.0	-51.8	-99.9	213.2	29.9	5.4	8.3	380.8	380.8	0.0	99.9	114.1	23.
50.2	132.3	14689.7	125.0	-54.7	-99.9	201.2	27.5	9.9	25.7	396.0	396.0	0.0	99.9	121.1	23.
55.4	139.5	16286.7	100.0	-63.7	-99.9	321.6	2.1	1.3	-1.7	404.8	404.8	0.0	99.9	120.6	23.
62.3	146.7	18044.7	75.0	-61.6	-99.9	336.2	15.8	6.4	-14.5	504.3	504.3	0.0	99.9	123.8	24.
71.2	154.0	20562.9	50.0	-59.1	-99.9	186.4	19.2	2.1	19.0	504.3	504.3	0.0	99.9	122.8	23.
85.1	161.3	24974.7	25.0	-54.4	-99.9	90.9	3.8	-3.8	0.1	628.9	628.9	0.0	99.9	120.5	21.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 433
SALEM, ILL

27 APRIL 1975
1115 GMT

TIME MIN	CNTCT	HEI LMT GM	PRFS MC	TEMP DG C	DEW PT DG C	DIR DG	SPECI M/SFC	U COMP M/SEC	V COMP M/SFC	POT T CG K	E POT T DG K	MR 310 GM/KG	RM PCT	RANGE KM	AZ DG
0.0	4.5	175.0	1000.1	12.7	4.4	120.0	5.2	-4.5	2.0	286.5	300.4	5.3	57.0	0.0	0.
0.0	4.5	175.0	1000.1	12.7	4.4	120.0	5.3	-4.6	2.7	286.6	300.4	5.3	57.1	0.0	349.
0.7	6.2	384.4	975.0	11.7	4.7	130.6	15.4	-11.1	10.6	287.7	302.2	5.5	57.1	0.6	304.
1.4	4.2	607.1	550.0	15.8	5.5	140.3	14.9	-6.0	13.6	288.0	310.4	4.2	52.8	1.2	214.
2.2	17.1	634.9	925.0	19.0	8.0	173.2	11.1	-1.4	17.0	292.7	319.6	7.4	40.2	1.7	325.
4.9	12.0	1073.7	500.0	17.4	13.0	143.6	10.7	2.5	10.4	300.9	370.3	10.9	77.9	2.2	113.
3.7	12.0	1713.7	071.0	15.0	14.3	207.4	9.0	4.1	8.0	301.5	371.4	11.0	92.4	2.5	342.
4.5	10.3	1735.0	000.0	14.5	12.0	210.0	8.4	4.7	7.0	301.7	371.0	10.4	85.0	2.8	344.
5.4	19.2	1408.5	225.0	12.9	10.8	231.0	7.1	5.6	4.4	303.6	333.8	9.9	86.9	3.0	354.
6.2	20.3	2018.3	470.0	11.3	10.9	244.4	7.7	6.9	3.3	304.5	332.8	10.3	97.5	3.2	359.
7.1	24.5	2333.5	775.2	9.6	9.2	254.6	7.4	7.1	2.0	305.4	331.7	9.5	97.2	3.4	6.
7.3	28.7	2805.7	755.0	8.4	5.0	262.0	7.1	7.1	1.0	305.6	327.2	7.3	79.4	3.5	12.
8.8	26.6	2805.6	725.0	6.9	0.0	268.1	7.9	7.8	0.3	307.7	322.9	5.3	61.6	3.6	18.
9.6	29.2	3172.2	715.0	5.1	-9.4	247.3	9.9	6.8	0.4	308.4	314.6	2.7	34.8	3.7	24.
10.6	31.7	3475.0	675.0	5.4	-23.5	254.2	9.6	9.4	2.0	311.7	314.5	0.8	10.2	4.1	30.
11.6	34.2	3777.0	650.0	2.9	-14.5	258.9	8.7	8.6	1.7	312.4	314.4	1.9	26.3	4.5	36.
12.6	36.5	4031.1	625.0	0.3	-15.1	255.0	8.6	8.4	1.6	313.0	313.0	1.9	30.2	4.9	40.
13.6	39.1	4311.0	600.0	-2.5	-19.8	256.0	8.0	6.4	2.1	313.4	317.6	1.3	24.8	5.3	44.
14.7	41.7	4751.7	575.0	-5.1	-24.0	257.4	8.7	8.5	1.2	314.2	318.5	1.4	30.2	5.8	46.
15.7	44.4	5102.7	550.0	-7.3	-16.1	273.8	10.9	10.9	-0.7	315.7	321.9	2.0	48.9	6.3	49.
16.9	47.2	5464.0	525.0	-9.1	-12.0	280.5	15.5	14.5	-5.4	317.7	323.3	1.8	48.3	6.9	55.
18.0	50.2	5823.3	500.0	-11.2	-10.0	301.3	18.7	16.0	-9.7	319.6	325.5	1.8	56.9	7.5	63.
19.3	53.0	6231.8	475.0	-14.2	-21.9	305.9	21.3	17.3	-12.5	320.5	325.1	1.4	52.2	8.3	73.
20.3	56.0	6632.4	450.0	-17.1	-24.8	301.5	23.2	19.8	-12.1	321.9	325.6	1.1	50.6	9.5	81.
21.9	59.1	7030.6	425.0	-20.6	-25.1	302.1	27.2	17.1	-10.7	322.6	326.6	1.2	67.3	10.9	87.
23.2	62.6	7512.7	400.0	-23.9	-37.2	301.5	15.9	13.5	-8.3	324.0	327.4	1.0	74.5	12.1	91.
24.5	65.4	7940.3	375.0	-27.5	-30.8	299.4	16.1	14.2	-5.3	325.3	327.9	0.8	72.6	13.3	93.
26.2	68.5	8471.1	350.0	-31.4	-35.3	288.7	17.7	17.1	-4.5	326.3	329.2	0.5	69.6	14.8	95.
27.4	71.0	8903.1	325.0	-35.2	-40.0	290.1	21.3	20.0	-7.3	328.1	329.4	0.4	60.9	16.6	96.
28.5	73.0	9354.8	300.0	-39.3	-50.9	290.5	25.6	24.2	-8.6	330.0	999.9	99.9	999.9	19.0	98.
31.4	81.2	10134.4	275.0	-44.9	99.9	294.2	24.1	24.1	-10.8	330.2	999.9	99.9	999.9	21.8	100.
33.3	85.1	10771.2	250.0	-49.6	99.9	296.7	26.6	24.7	-12.4	332.4	999.9	99.9	999.9	24.8	102.
35.3	89.2	11466.8	225.0	-55.9	99.9	296.8	30.9	27.5	-13.0	332.9	999.9	99.9	999.9	28.4	104.
37.6	95.2	12190.2	200.0	-61.4	99.9	296.7	35.1	11.4	-15.9	334.6	999.9	99.9	999.9	32.7	105.
40.0	102.5	13001.6	175.0	-67.6	99.9	300.4	41.1	15.5	-20.8	338.3	999.9	99.9	999.9	38.0	107.
42.8	109.5	13624.2	150.0	-67.5	99.9	304.1	27.6	24.5	-16.6	337.8	999.9	99.9	999.9	43.7	109.
46.3	113.3	15026.4	125.0	-67.0	99.9	301.0	27.9	22.2	-13.4	373.7	999.9	99.9	999.9	48.4	111.
50.8	121.0	16350.1	100.0	-63.6	99.9	314.4	18.9	13.5	-13.2	404.9	999.9	99.9	999.9	54.1	113.
54.3	130.0	18135.4	75.0	-60.6	99.9	335.3	9.6	4.0	-8.7	435.3	999.9	99.9	999.9	59.2	115.
64.6	141.0	20457.3	50.0	-61.6	99.9	5.7	2.8	-0.3	-2.4	497.8	999.9	99.9	999.9	58.5	118.
78.3	153.0	25185.4	25.0	-52.1	99.9	44.7	4.9	-3.5	-3.1	634.8	999.9	99.9	999.9	56.5	121.

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
• BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
• BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KAN

27 APRIL 1975
1115 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX 3TO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	14.5	791.0	515.3	19.4	15.5	160.0	8.8	-3.0	8.3	301.7	334.4	12.2	7A.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	15.8	936.3	900.0	17.9	16.4	171.1	14.2	-2.2	14.0	301.7	337.0	13.2	91.0	0.6	34.2
1.2	18.2	1177.4	875.0	16.1	15.3	181.3	14.4	0.4	14.4	302.2	336.2	12.7	95.3	1.2	34.8
2.0	20.7	1424.3	850.0	14.9	14.3	195.5	22.9	6.1	22.1	303.4	336.1	12.1	95.4	2.3	35.7
2.8	23.2	1677.6	825.0	14.4	13.5	212.9	22.4	12.2	19.8	303.4	337.9	11.9	93.9	3.3	6.
3.7	25.8	1933.6	800.0	14.2	11.1	218.6	20.4	12.7	15.9	307.7	336.7	10.5	91.7	4.4	15.
4.5	28.4	2207.0	775.0	13.0	9.5	214.8	17.5	10.0	14.4	309.0	336.2	9.7	79.3	5.2	19.
5.5	31.2	2482.6	750.0	11.4	9.4	207.2	17.1	7.8	15.2	310.2	338.1	9.9	87.5	6.2	21.
6.4	34.1	2765.8	725.0	9.5	7.6	191.4	15.9	3.1	16.2	311.0	336.9	9.1	88.4	7.1	21.
7.2	36.1	3057.3	700.0	8.1	6.4	182.4	16.3	0.7	16.2	312.6	337.4	8.7	89.4	7.9	19.
8.2	39.7	3357.0	675.0	6.1	-0.1	182.7	15.7	0.7	15.7	313.2	339.9	5.7	64.9	8.7	17.
9.1	42.4	3615.5	650.0	4.6	-18.1	186.8	16.8	2.0	16.7	314.3	338.1	1.4	17.2	9.7	16.
10.2	45.4	3943.6	625.0	2.4	-20.4	186.0	17.1	1.8	17.0	315.3	319.2	1.2	16.6	10.7	15.
11.2	48.6	4311.8	600.0	-0.4	-21.0	188.0	19.2	2.7	19.0	315.8	319.7	1.2	19.2	11.7	14.
12.1	51.4	4650.5	575.0	-3.3	-20.2	192.6	21.2	4.6	20.7	316.3	320.6	1.3	25.8	12.8	14.
13.2	54.8	5000.1	550.0	-6.4	-21.9	200.8	23.1	8.2	21.6	316.6	320.6	1.2	28.1	14.4	14.
14.2	57.9	5361.6	525.0	-9.8	-29.6	203.2	24.4	9.6	22.5	316.7	318.8	0.6	18.1	15.6	15.
15.1	61.3	5735.5	500.0	-13.5	-26.7	199.8	27.7	9.4	26.0	316.7	319.5	0.9	22.0	17.3	16.
16.0	64.7	6122.9	475.0	-17.4	-26.3	196.3	28.1	7.9	27.0	316.6	319.6	0.9	45.3	18.7	16.
17.6	68.1	6526.1	450.0	-18.8	-23.9	190.7	34.1	6.3	31.5	319.7	323.8	1.2	63.7	21.4	16.
19.0	71.5	6950.7	425.0	-21.2	-24.7	188.0	36.7	5.1	36.3	321.8	325.2	1.0	61.4	24.4	15.
20.2	75.2	7395.4	400.0	-24.1	-28.5	193.0	38.7	8.7	37.7	323.8	326.8	0.9	66.4	27.3	14.
21.5	79.2	7842.8	375.0	-27.9	-31.8	195.5	35.0	9.4	33.8	323.7	327.2	0.7	68.6	30.3	14.
22.8	83.0	8354.5	350.0	-31.7	-35.5	198.4	33.3	10.5	31.6	325.0	327.9	0.5	68.4	32.8	14.
24.2	87.2	8874.4	325.0	-36.0	-40.0	205.2	33.8	15.3	32.4	327.0	324.3	0.4	66.2	35.6	15.
25.8	91.6	9425.6	300.0	-40.1	99.9	205.0	49.0	20.7	44.4	328.9	99.9	99.9	99.9	37.7	16.
27.5	96.0	10014.0	275.0	-44.3	99.9	210.9	40.0	20.5	34.3	331.1	99.9	99.9	99.9	44.1	17.
29.4	100.9	10644.8	250.0	-50.0	99.9	212.0	43.4	23.0	36.8	331.8	99.9	99.9	99.9	49.1	19.
31.6	106.3	11323.8	225.0	-56.1	99.9	211.2	29.6	15.3	25.4	332.6	99.9	99.9	99.9	53.8	20.
33.5	111.8	12063.8	200.0	-61.5	99.9	212.5	33.6	18.0	28.3	335.3	99.9	99.9	99.9	57.6	21.
36.1	117.8	12879.8	175.0	-66.0	99.9	218.1	32.1	19.8	25.2	341.1	99.9	99.9	99.9	63.0	22.
38.4	124.7	13831.7	150.0	-61.7	99.9	231.4	25.1	19.6	15.7	363.9	99.9	99.9	99.9	67.6	24.
43.1	131.7	14954.2	125.0	-62.7	99.9	202.6	21.5	6.3	19.9	381.4	99.9	99.9	99.9	72.5	24.
48.5	139.3	16335.2	100.0	-63.4	99.9	205.0	10.5	9.9	3.4	405.2	99.9	99.9	99.9	79.0	26.
55.1	147.3	18090.8	75.0	-63.4	99.9	187.3	2.9	0.4	2.8	440.1	99.9	99.9	99.9	81.2	26.
64.7	156.3	20602.2	50.0	-60.3	99.9	99.9	7.9	-7.8	1.2	501.5	99.9	99.9	99.9	83.8	24.
80.2	166.0	24991.3	25.0	-51.7	99.9	55.1	6.3	-5.2	-3.6	636.0	99.9	99.9	99.9	77.3	20.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KAN27 APRIL 1975
1115 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RYO GM/KG	RM PCT	RANGE KM	AZ UG
0.0	6.1	268.0	974.8	22.2	19.6	140.0	4.2	-2.7	3.2	299.2	338.2	14.8	85.0	0.0	0
95.9	99.9	93.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	6.4	302.1	975.0	22.0	19.6	152.2	5.4	-2.2	5.3	299.3	338.5	14.9	86.0	0.1	353
1.0	8.5	523.1	950.0	20.5	19.0	177.8	12.3	-0.5	12.3	300.0	339.0	14.8	91.0	0.5	387
1.8	13.6	753.0	925.0	19.1	18.0	184.2	19.1	1.4	19.1	300.8	338.6	14.3	93.3	1.3	359
2.7	12.7	554.9	900.0	17.8	16.9	191.5	23.9	4.8	23.5	301.7	338.1	13.6	94.3	2.4	1
3.5	15.0	1230.0	875.0	16.1	15.2	199.3	25.2	8.3	23.8	302.1	335.8	12.5	94.6	3.7	6
4.5	17.1	1442.9	856.0	15.0	14.2	207.0	22.0	10.0	19.6	301.5	336.1	12.1	94.6	5.1	12
5.5	19.5	1730.1	825.0	13.3	12.3	209.9	21.3	10.6	18.5	304.1	334.1	11.0	93.8	6.3	15
6.6	21.7	1695.1	800.0	11.4	10.5	210.0	20.7	11.3	17.9	304.7	332.3	10.1	94.2	7.7	14
7.7	24.2	2260.6	775.0	9.9	8.3	206.8	16.6	7.5	16.8	305.7	330.5	9.0	89.9	8.8	19
8.6	26.5	2533.2	750.0	9.4	-1.3	197.1	17.7	5.2	16.9	307.4	328.8	4.6	47.3	9.8	20
9.7	29.1	2418.6	725.0	9.8	-1.0	193.8	17.5	1.2	17.5	310.8	325.3	4.9	47.1	10.5	19
10.8	31.7	3105.6	700.0	8.5	-2.2	186.1	19.3	2.1	16.2	312.5	326.3	4.7	46.9	12.1	17
12.3	34.4	3625.3	675.0	6.6	-3.1	195.1	20.1	5.4	19.6	313.5	325.1	3.9	45.8	13.5	16
13.1	37.0	3718.0	650.0	4.9	-8.3	206.4	17.8	8.0	15.9	314.9	324.5	3.2	32.9	15.0	17
14.5	39.8	4032.8	625.0	2.5	-5.5	208.9	15.4	7.4	13.4	315.9	324.1	4.1	55.1	16.3	14
15.7	42.5	4711.6	600.0	-0.2	-6.7	211.9	10.9	5.4	9.3	316.6	328.1	3.9	61.3	17.1	14
16.9	45.5	4700.7	575.0	-3.3	-8.9	213.9	9.3	5.4	7.7	316.6	327.0	3.4	65.0	17.8	14
18.3	48.4	5051.2	550.0	-5.4	-13.2	216.4	14.3	8.1	11.5	318.0	325.9	2.5	54.1	18.7	20
19.7	51.5	5415.0	525.0	-5.2	-10.0	222.9	16.5	11.2	12.1	319.0	329.5	3.4	65.7	19.9	21
21.2	54.7	5791.9	500.0	-11.3	-17.8	226.6	21.1	16.8	15.9	319.5	329.5	1.9	58.4	21.5	23
22.6	57.9	6173.5	475.0	-14.3	-20.4	228.8	26.3	19.8	17.3	320.5	325.6	1.6	59.8	23.5	25
24.1	61.3	6591.5	450.0	-17.5	-20.8	232.2	27.7	21.9	17.0	321.4	326.6	1.6	75.1	25.7	27
25.7	54.9	7017.8	425.0	-19.5	-35.0	232.4	26.9	21.3	16.4	324.0	325.6	0.5	23.6	28.1	30
27.4	68.4	7468.9	400.0	-23.4	-35.9	230.3	27.8	21.4	17.8	324.6	326.1	0.4	30.6	30.8	32
29.2	72.0	7933.6	375.0	-26.5	-34.4	235.8	23.2	19.2	13.0	326.5	328.4	0.5	46.9	33.2	33
31.2	76.2	8428.7	350.0	-30.6	-37.8	238.6	24.2	20.7	12.6	327.4	328.9	0.4	48.9	36.1	35
33.3	80.3	8651.4	325.0	-34.6	-42.0	245.8	18.3	16.7	7.5	329.0	330.1	0.3	46.6	38.3	37
35.4	84.7	9505.4	300.0	-38.9	-45.4	233.9	19.4	15.6	11.4	330.4	331.3	0.2	52.0	40.7	38
37.6	89.2	10066.0	275.0	-43.9	99.9	231.4	23.3	14.2	14.5	331.6	999.9	99.9	999.9	43.6	39
40.0	94.3	10729.5	250.0	-48.8	99.9	230.3	25.9	19.9	16.5	331.5	999.9	92.9	999.9	47.0	40
42.5	99.5	11411.9	225.0	-55.0	99.9	229.0	29.3	22.1	16.2	334.2	999.9	999.9	999.9	51.2	41
45.1	105.0	12153.3	200.0	-61.3	99.9	235.4	29.7	24.4	16.9	335.7	999.9	99.9	999.9	56.0	42
48.2	111.3	12967.1	175.0	-68.6	99.9	239.7	33.6	29.0	17.0	336.7	999.9	99.9	999.9	61.6	43
51.7	118.3	13868.6	150.0	-68.4	99.9	240.7	37.6	32.6	18.4	352.3	999.9	99.9	999.9	68.5	45
55.1	126.0	15000.1	125.0	-62.9	99.9	255.6	19.2	18.6	4.6	361.0	999.9	99.9	999.9	74.1	47
61.4	134.7	16361.9	100.0	-67.3	99.9	258.7	19.6	19.3	3.9	397.7	999.9	99.9	999.9	77.9	49
68.4	143.7	18121.1	75.0	-65.5	99.9	215.2	4.3	2.5	3.5	435.5	999.9	99.9	999.9	80.1	51
77.5	153.5	20622.4	50.0	-59.5	99.9	75.3	8.3	-4.0	-2.1	503.3	999.9	99.9	999.9	77.1	50
91.1	163.7	25014.0	25.0	-54.0	99.9	69.5	6.3	-5.9	-2.2	629.9	999.9	99.9	999.9	72.5	49

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

TATION NO. 476
GRAND JUNCTION, COL

27 APRIL 1975
11:5 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

102 10. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	14.5	1474.0	843.7	2.2	-1.8	290.0	2.1	2.0	-0.7	289.6	300.4	4.0	75.0	0.0	0.0
0.6	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.2	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.8	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2.4	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.0	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.6	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4.2	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4.8	21.1	1654.5	825.0	0.5	-0.2	102.6	3.5	-3.4	0.8	289.8	302.1	4.6	95.0	0.1	97.0
5.4	23.5	1901.8	800.0	-0.1	-0.6	217.3	0.9	0.6	0.7	291.6	304.0	4.6	96.5	0.1	70.0
6.0	25.7	2155.7	775.0	-1.5	-2.1	176.9	1.8	-0.1	1.8	292.7	304.3	4.3	96.1	0.1	33.0
6.6	28.1	2410.4	750.0	-3.1	-3.9	186.6	2.6	0.3	2.6	293.7	304.2	3.8	94.4	0.3	13.0
7.2	30.6	2644.3	725.0	-4.9	-5.0	201.5	4.4	1.6	4.1	294.5	304.0	3.4	91.6	3.5	17.0
7.8	33.2	2954.7	700.0	-6.7	-7.8	183.6	4.6	0.3	4.6	295.4	304.0	3.0	91.6	0.9	16.0
8.4	35.7	3243.3	675.0	-8.4	-9.1	179.9	4.6	-0.0	4.6	296.6	304.7	2.8	94.6	1.2	11.0
9.0	38.3	3535.2	650.0	-10.6	-11.0	194.2	4.2	1.0	4.1	297.3	304.7	2.5	96.7	1.5	10.0
9.6	40.8	3836.2	625.0	-12.6	-14.7	204.9	8.4	3.5	7.6	298.3	304.0	2.0	83.7	1.9	13.0
10.2	43.6	4146.6	600.0	-15.0	-21.6	201.4	13.6	5.0	12.7	299.4	302.3	1.1	56.6	2.8	16.0
10.8	46.4	4467.1	575.0	-17.6	-25.6	201.1	17.8	6.4	16.6	299.4	302.0	0.8	49.3	4.2	18.0
11.4	49.4	4798.2	550.0	-20.3	-28.1	194.3	20.2	5.7	19.4	300.8	302.6	0.8	59.2	5.7	19.0
12.0	52.3	5141.1	525.0	-23.0	-32.0	184.0	23.0	3.2	22.7	300.8	303.7	0.9	63.1	7.1	17.0
12.6	55.3	5437.3	500.0	-25.4	-36.1	178.9	25.1	-0.5	25.1	302.2	305.0	0.9	93.4	8.4	15.0
13.2	58.4	5808.8	475.0	-28.9	-40.0	169.3	29.4	-5.4	28.9	306.0	308.4	0.9	89.9	11.3	10.0
13.8	61.6	6258.3	450.0	-32.1	-43.8	170.9	31.3	-4.9	31.9	307.5	308.6	0.5	69.8	14.1	5.0
14.4	65.0	6663.9	425.0	-35.4	-47.0	177.4	31.9	-1.4	31.9	307.5	308.6	0.3	59.6	16.8	3.0
15.0	68.4	7087.8	400.0	-38.3	-50.9	179.0	36.1	-0.7	36.1	307.7	308.6	0.3	62.6	19.8	3.0
15.6	71.9	7531.3	375.0	-41.7	-54.9	180.4	37.7	0.3	37.7	309.1	309.9	99.9	99.9	23.2	2.0
16.2	75.8	8001.4	350.0	-44.8	-58.9	184.1	44.3	3.2	44.3	313.7	309.9	99.9	99.9	27.4	2.0
16.8	79.8	8503.7	325.0	-47.8	-62.9	185.5	47.0	4.6	47.7	317.6	309.9	99.9	99.9	32.4	3.0
17.4	83.8	9042.7	300.0	-50.9	-66.9	182.4	52.2	2.2	52.2	325.0	309.9	99.9	99.9	39.7	3.0
18.0	88.0	9630.6	275.0	-53.7	-70.9	184.2	50.2	3.6	50.0	332.5	309.9	99.9	99.9	47.9	3.0
18.6	92.8	10270.5	250.0	-56.3	-74.9	184.5	44.9	6.7	44.4	340.2	309.9	99.9	99.9	55.7	3.0
19.2	97.6	10974.6	225.0	-58.9	-78.9	197.0	36.7	10.7	36.0	348.2	309.9	99.9	99.9	61.5	4.0
19.8	103.0	11759.0	200.0	-61.5	-82.9	193.7	31.0	7.3	30.1	355.9	309.9	99.9	99.9	67.8	5.0
20.4	108.6	12627.0	175.0	-64.1	-86.9	196.5	24.9	7.1	23.9	364.9	309.9	99.9	99.9	72.6	6.0
21.0	115.2	13632.6	150.0	-66.9	-90.9	171.5	25.6	-3.8	25.3	378.9	309.9	99.9	99.9	78.3	6.0
21.6	122.0	14801.7	125.0	-69.3	-94.9	185.6	26.1	-2.5	26.0	398.5	309.9	99.9	99.9	83.3	6.0
22.2	130.0	16234.4	100.0	-71.1	-98.9	197.8	21.9	6.7	20.8	417.5	309.9	99.9	99.9	91.9	6.0
22.8	138.3	18043.3	75.0	-73.0	-102.9	112.2	4.9	-4.5	1.8	445.0	309.9	99.9	99.9	98.3	6.0
23.4	147.5	20578.6	50.0	-75.4	-106.9	46.8	9.5	-6.9	-6.5	503.5	309.9	99.9	99.9	99.9	5.0
24.0	157.3	24 87.3	25.0	-77.3	-110.9	131.2	9.9	-7.2	6.8	631.8	309.9	99.9	99.9	99.9	1.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER

27 APRIL 1975
1124 GMT

TIME MIN	CNCTY	HEIGHT GPM	PROS MB	TEMP DG C	DELT DG C	D10 DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.7	100.0	939.6	11.9	13.1	360.0	0.0	0.0	0.0	288.3	312.6	9.6	95.0	2.0	0.
05.9	93.6	99.9	1000.0	09.9	09.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	7.8	394.6	975.0	21.5	9.6	131.8	7.6	-5.7	5.1	297.8	318.4	7.8	47.1	0.2	297.
1.7	10.0	620.7	920.0	21.9	12.4	147.6	9.5	-3.5	5.5	300.6	326.6	9.6	45.2	0.6	312.
2.5	12.0	850.8	925.0	19.4	10.4	156.1	4.4	-1.9	3.9	303.3	323.6	8.6	56.1	0.9	318.
3.4	14.3	1000.0	970.0	17.1	12.3	177.7	2.5	-0.1	2.5	300.5	327.7	10.1	71.5	1.0	322.
4.3	16.4	1020.6	975.0	16.0	11.7	192.5	7.4	0.7	3.3	301.7	328.4	10.0	75.7	1.2	327.
5.2	18.4	1072.8	930.0	14.0	9.0	194.9	2.2	0.5	2.1	302.5	327.9	8.5	63.6	1.2	331.
6.2	21.0	1871.0	935.0	11.2	7.3	44.2	0.2	-0.1	-0.2	303.6	325.2	7.8	67.4	1.3	336.
7.1	23.4	2003.8	890.0	12.0	4.1	60.1	1.3	-1.1	-0.6	304.8	323.0	6.5	58.4	1.3	333.
8.1	25.8	2349.1	775.0	10.0	2.3	145.0	0.9	-0.5	0.7	305.4	322.0	5.9	54.8	1.3	330.
9.1	28.2	2721.1	750.0	8.2	1.6	205.0	1.3	0.5	1.2	306.2	322.6	5.8	63.4	1.4	332.
10.2	30.8	2970.3	715.0	6.1	0.9	291.9	2.0	1.8	-0.7	306.9	321.1	5.7	69.3	1.4	332.
11.1	33.5	3197.1	700.0	4.2	-4.3	308.2	3.7	2.8	-2.3	307.6	319.3	4.0	53.9	1.2	330.
12.1	35.9	3642.8	675.0	4.2	-16.3	333.7	5.4	2.4	-4.3	310.6	314.9	1.4	17.9	1.2	347.
13.0	38.4	3753.2	630.0	2.8	-20.7	1.5	5.0	-0.2	-9.0	312.2	315.9	1.1	15.8	0.4	342.
14.7	41.3	4100.1	625.0	-0.0	-19.0	5.0	11.4	-1.3	-11.4	312.7	315.6	1.9	31.3	0.4	215.
15.8	44.1	4300.2	620.0	-2.4	-18.6	350.6	12.2	2.0	-12.0	313.0	315.7	1.8	34.5	1.1	192.
17.0	47.1	4705.8	575.0	-5.0	-23.1	338.1	11.9	4.4	-10.9	314.2	317.6	1.0	22.6	2.0	179.
18.5	50.2	5113.2	550.0	-7.0	-23.4	325.1	17.4	5.9	-8.5	315.8	317.9	0.6	14.7	2.8	170.
19.6	53.1	5471.8	525.0	-9.3	-27.6	322.9	11.3	6.8	-9.0	316.6	317.1	0.8	22.0	3.5	144.
20.9	56.1	5849.6	500.0	-11.9	-25.6	317.9	12.9	8.6	-7.5	318.6	320.8	0.6	21.2	4.3	160.
22.1	58.5	6203.3	475.0	-14.7	-30.7	315.7	11.6	8.1	-6.3	319.4	321.9	0.6	23.9	5.3	155.
23.4	61.0	6437.5	450.0	-17.2	-24.0	324.8	11.3	6.5	-9.2	321.6	324.5	0.8	38.1	6.1	152.
25.3	64.4	7073.2	425.0	-20.7	-28.4	324.7	13.3	7.4	-10.7	322.5	325.4	0.4	49.9	7.4	151.
26.9	70.1	7518.7	400.0	-23.8	-26.7	325.0	16.4	8.7	-13.9	324.1	325.4	0.8	57.9	8.7	150.
28.4	73.4	7974.0	375.0	-27.5	-34.6	325.3	15.4	9.0	-12.5	325.2	327.1	0.5	50.2	10.4	150.
30.1	75.0	8473.1	350.0	-32.0	-36.1	315.9	17.9	12.2	-13.1	325.6	327.4	0.5	66.5	11.9	149.
31.9	82.0	8554.5	325.0	-35.5	-40.0	304.6	19.6	18.1	-11.1	327.7	328.4	0.4	67.8	14.0	146.
32.9	86.3	9551.1	300.0	-39.9	99.9	702.8	8.5	15.6	-10.0	327.0	327.9	0.2	90.9	15.0	141.
33.9	91.2	10134.3	275.0	-44.7	99.9	308.6	27.7	16.2	-12.0	330.5	329.9	92.9	95.9	19.3	141.
37.9	98.0	10769.1	250.0	-50.0	99.9	313.7	21.3	15.4	-15.7	331.8	329.9	92.9	99.9	21.0	140.
40.3	101.3	11449.5	225.0	-55.4	99.9	318.6	26.0	17.2	-12.5	333.7	327.9	92.9	99.9	24.1	139.
43.0	107.5	12190.5	200.0	-61.8	99.9	320.6	31.7	20.1	-23.5	334.5	327.9	92.9	99.9	28.8	139.
45.6	113.8	13005.6	175.0	-67.6	99.9	310.9	38.7	24.3	-27.3	335.4	327.9	92.9	99.9	34.5	137.
48.5	120.7	13921.9	150.0	-72.2	99.9	316.2	28.1	19.4	-20.3	345.8	327.9	92.9	99.9	41.8	138.
52.1	128.7	15012.5	125.0	-63.3	99.9	310.2	27.2	20.8	-17.6	371.3	327.9	92.9	99.9	46.0	138.
56.4	137.0	16349.2	100.0	-68.0	99.9	310.0	24.4	16.9	-17.5	396.4	327.9	92.9	99.9	52.6	137.
61.9	146.0	18066.8	75.0	-67.8	99.9	334.1	16.8	7.3	-15.1	430.8	327.9	92.9	99.9	60.0	137.
69.2	156.0	20553.6	50.0	-61.1	99.9	43.5	6.8	-4.7	-4.9	490.5	327.9	92.9	99.9	61.5	139.
95.9	90.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22002
PT. SILL. OKLA

27 APRIL 1975
1300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MD	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.2	6.7	352.0	955.6	22.3	15.7	150.0	10.3	-5.2	8.9	300.5	340.5	15.1	85.0	0.0	0.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	97.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	10.1	508.4	950.0	21.9	20.1	161.1	16.5	-3.3	15.6	301.5	343.4	15.9	90.0	0.4	341.
1.4	12.1	716.0	925.0	19.6	18.6	166.1	18.4	-4.4	17.2	371.4	341.2	15.0	95.0	1.3	343.
2.3	14.4	972.2	900.0	17.9	17.3	176.2	23.4	-1.6	23.3	301.9	339.2	14.0	96.1	2.4	346.
3.2	16.5	1213.9	875.0	16.9	16.2	190.6	23.5	4.3	23.1	303.1	339.3	13.4	95.9	3.6	352.
4.2	18.7	1461.7	850.0	15.9	15.2	202.0	23.4	8.8	21.7	304.5	339.6	13.0	95.7	4.9	359.
5.2	21.1	1715.5	825.0	14.5	13.8	207.3	24.2	11.1	21.5	305.5	338.7	12.1	95.5	6.2	5.
6.2	23.4	1976.3	800.0	13.4	12.7	212.3	23.5	12.6	19.9	307.0	339.1	11.7	95.6	7.6	9.
7.2	25.7	2248.0	775.0	12.1	11.4	214.7	22.5	12.8	18.5	308.3	339.0	11.1	95.7	8.9	13.
8.3	28.1	2518.8	750.0	11.1	1.4	214.7	22.0	13.8	17.2	309.4	326.2	5.8	53.4	10.2	17.
9.4	30.7	2803.5	725.0	12.6	-3.7	215.4	21.3	12.4	17.4	313.8	325.9	4.0	31.9	11.5	19.
10.5	33.2	3097.4	700.0	11.4	-1.2	210.4	20.9	10.6	18.0	315.8	330.8	5.0	41.5	12.9	21.
11.7	35.7	3400.7	675.0	10.1	-10.6	204.9	20.1	8.5	18.3	317.3	325.5	2.6	22.6	14.3	21.
12.7	38.3	3712.8	650.0	7.5	-17.5	195.1	20.1	6.6	19.0	317.6	321.7	1.3	12.6	15.8	21.
14.1	40.5	4033.8	625.0	5.0	-21.3	185.3	21.4	5.7	20.7	318.2	321.9	1.1	12.8	17.3	21.
15.3	43.8	4354.9	600.0	2.1	-23.3	200.4	21.1	7.4	19.8	318.6	321.8	1.0	13.1	18.8	21.
16.6	46.6	4700.9	575.0	-0.3	-26.9	208.3	21.2	10.1	18.7	319.7	322.2	0.7	11.3	20.4	21.
17.9	49.6	5063.2	550.0	-3.7	-28.6	212.2	21.1	11.2	17.8	319.7	321.9	0.6	12.3	22.1	22.
19.3	52.4	5425.5	525.0	-6.5	-29.5	214.6	20.5	11.7	16.9	320.7	322.9	0.6	14.0	23.8	23.
20.7	55.4	5804.8	500.0	-9.6	-32.3	208.3	21.9	10.4	19.3	321.3	323.1	0.5	13.6	25.6	23.
22.1	58.5	6198.1	475.0	-13.2	-35.0	206.6	21.2	9.5	18.9	321.7	323.1	0.4	14.0	27.4	23.
23.6	61.9	6607.1	450.0	-17.1	-42.6	202.9	22.8	8.9	21.0	322.9	323.6	0.2	8.3	29.3	24.
25.0	65.2	7035.2	425.0	-19.4	-45.6	205.5	24.3	10.5	21.9	324.1	324.7	0.1	7.6	31.3	24.
26.4	69.6	7492.9	400.0	-22.8	-47.8	208.7	24.2	11.6	21.2	325.4	325.8	0.1	8.0	33.3	24.
27.9	72.0	7952.4	375.0	-26.7	-50.5	214.7	24.8	14.7	21.2	326.2	326.6	0.1	8.4	35.5	24.
29.4	75.9	8446.7	350.0	-30.7	-47.2	214.5	24.5	15.6	18.9	327.3	327.9	0.1	17.8	37.8	25.
31.0	79.8	8908.1	325.0	-34.8	-41.5	216.1	25.0	14.7	20.2	328.6	327.9	0.1	50.5	40.2	26.
32.9	83.8	9522.1	300.0	-38.8	-42.8	217.0	25.6	13.6	18.0	330.7	331.7	0.1	64.9	42.7	26.
34.8	88.0	10113.9	275.0	-43.0	99.9	225.6	24.4	17.4	17.1	333.0	999.9	99.9	999.9	45.4	27.
37.1	92.8	10747.4	250.0	-49.7	99.9	228.1	25.1	18.2	18.7	332.2	999.9	99.9	999.9	48.4	28.
39.2	97.2	11470.8	225.0	-53.8	99.9	229.0	25.6	19.3	16.8	336.1	999.9	99.9	999.9	51.5	30.
41.5	102.3	12178.0	200.0	-59.5	99.9	999.9	99.9	99.9	99.9	334.6	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
• BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
• BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ounding Data
27 April 1975
1500 GMT

PRECEDING PAGE BLANK NOT FILMED

STATION NO. 213
WAYCROSS, GA

27 APRIL 1975
1500 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.6	44.0	1014.0	27.7	16.1	110.0	3.1	-2.9	1.1	301.4	316.3	13.1	56.0	0.0	0.
0.4	4.8	166.5	1000.0	25.3	17.1	103.8	3.0	-2.9	0.8	300.1	333.2	12.4	67.7	0.1	276.
1.2	6.7	389.1	975.0	22.8	16.7	126.9	2.5	-2.0	1.5	299.8	332.7	12.4	68.2	0.2	293.
1.9	4.9	615.3	950.0	21.4	14.1	144.8	3.9	-2.3	3.2	300.3	329.1	10.7	63.1	0.3	296.
2.8	10.2	946.6	925.0	20.7	12.3	148.3	5.4	-2.9	4.6	301.8	324.4	9.8	58.8	0.6	311.
3.6	13.2	1043.2	900.0	19.0	11.9	148.7	6.8	-3.6	5.8	302.4	320.1	9.8	63.5	0.8	316.
4.3	15.4	1325.0	875.0	17.4	12.5	151.4	6.2	-2.9	5.8	302.8	331.3	10.5	74.8	1.1	320.
5.2	17.6	1571.9	850.0	14.6	12.7	149.5	5.3	-2.7	4.6	302.9	332.6	11.0	88.7	1.4	322.
6.0	20.1	1824.4	825.0	13.4	10.5	131.5	3.3	-2.5	2.2	304.1	330.7	9.7	82.4	1.6	323.
7.0	22.3	2043.3	800.0	11.4	8.3	140.1	1.4	-0.9	1.1	304.5	328.4	8.7	81.4	1.8	321.
7.9	24.8	2348.4	775.0	10.2	6.7	260.1	1.5	1.5	0.3	304.8	324.1	8.0	79.0	1.9	323.
8.8	27.1	2620.2	750.0	8.2	4.8	271.4	2.2	2.2	-0.1	306.4	324.8	7.2	79.0	1.7	326.
9.8	29.9	2900.4	725.0	6.3	3.2	295.2	2.3	2.1	-1.0	307.2	326.1	6.7	80.6	1.7	329.
10.9	32.4	3167.7	700.0	4.5	0.9	313.6	3.7	2.7	-2.5	308.2	325.0	5.9	77.6	1.5	331.
11.8	35.2	3443.3	675.0	2.5	-1.5	317.1	4.4	3.0	-3.2	309.1	323.9	5.1	75.2	1.2	335.
12.8	37.7	3747.9	650.0	0.8	-6.8	320.4	4.3	2.8	-3.3	310.3	320.8	3.5	56.6	1.0	340.
14.0	40.5	4103.5	625.0	0.6	-17.1	324.6	4.0	2.3	-3.3	313.4	318.4	1.6	25.0	0.7	345.
15.1	43.3	4429.8	600.0	-1.3	-19.8	300.6	4.8	4.2	-2.5	314.8	319.0	1.3	22.8	0.5	358.
16.2	46.3	4747.5	575.0	-3.5	-21.9	290.0	6.1	5.7	-2.8	316.1	316.1	1.1	22.3	0.5	45.
17.4	49.4	5117.8	550.0	-5.2	-10.7	320.3	6.9	4.1	-5.2	319.0	319.8	0.5	11.3	0.7	86.
18.7	52.3	5441.3	525.0	-7.4	-32.5	321.1	7.3	4.6	-5.6	319.1	320.7	0.5	11.4	1.1	112.
20.0	55.4	5458.6	500.0	-10.8	-34.6	322.7	7.5	4.6	-6.0	319.9	321.3	0.4	11.9	1.6	121.
21.4	59.7	6250.5	475.0	-13.9	-36.8	326.9	8.8	4.4	-7.4	320.8	322.0	0.3	12.2	2.3	128.
22.8	62.3	6658.8	450.0	-16.8	-36.8	339.8	9.4	2.2	-8.8	322.1	323.3	0.4	15.7	3.0	134.
24.4	65.0	7085.7	425.0	-19.5	-46.6	352.9	11.3	1.5	-11.8	324.0	324.5	0.1	7.2	3.8	142.
26.1	69.4	7533.3	400.0	-22.9	-50.1	352.2	12.6	1.7	-12.5	325.2	325.5	0.1	6.2	4.9	150.
27.7	73.2	8004.0	375.0	-25.8	-51.8	353.5	18.0	2.0	-17.9	327.4	327.7	0.1	6.6	6.3	156.
29.5	77.3	8500.6	350.0	-28.5	-47.9	352.6	22.6	2.3	-22.4	329.9	329.5	0.2	16.6	8.5	160.
31.3	81.4	9025.2	325.0	-33.8	-50.0	346.1	21.3	5.1	-20.7	330.0	330.4	0.1	17.6	12.9	162.
33.4	85.8	9440.6	300.0	-38.7	-53.9	337.0	21.3	8.3	-19.6	330.7	331.0	0.1	18.1	13.4	162.
35.5	90.4	10172.5	275.0	-43.1	99.9	334.2	23.4	8.4	-21.8	332.0	334.0	0.1	99.9	16.3	161.
37.8	95.7	10608.6	250.0	-48.1	99.9	341.2	26.6	7.7	-25.4	334.6	334.6	0.1	99.9	19.8	161.
40.4	101.0	11494.0	225.0	-54.0	99.9	345.1	28.1	7.2	-27.2	335.8	335.8	0.1	99.9	23.9	162.
42.8	106.8	12240.6	200.0	-59.4	99.9	342.6	38.2	11.4	-36.5	336.7	336.7	0.1	99.9	28.3	162.
45.6	113.0	13063.7	175.0	-64.9	99.9	342.7	37.4	11.1	-35.7	341.2	341.2	0.1	99.9	34.5	162.
48.5	120.0	13943.5	150.0	-72.5	99.9	331.4	29.2	14.0	-25.7	345.2	345.2	0.1	99.9	40.3	162.
52.3	127.7	15073.4	125.0	-65.3	99.9	312.8	23.2	21.5	-19.8	376.8	376.8	0.1	99.9	46.9	159.
56.8	136.3	16429.6	100.0	-67.4	99.9	321.7	24.8	15.3	-19.4	397.6	397.6	0.1	99.9	54.1	156.
62.1	144.7	18153.4	75.0	-67.2	99.9	329.4	14.9	7.6	-12.8	432.1	432.1	0.1	99.9	60.3	155.
66.2	154.0	20632.0	50.0	-59.5	66.9	316	1.6	-1.5	-0.5	503.3	503.3	0.1	99.9	67.7	154.
80.7	163.7	25108.0	25.0	-50.3	99.9	328.0	3.3	1.8	-2.8	640.5	640.5	0.1	99.9	82.8	155.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 232
ROOTHVILLE, LA
27 APRIL 1975
1415 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.0	..0	1018.5	23.9	20.8	110.0	3.6	-3.4	1.2	297.6	337.8	15.4	83.0	0.0	0.
0.6	6.3	141.2	1030.0	21.3	18.0	110.7	5.7	-5.1	2.6	290.2	330.5	13.1	81.6	5.2	291.
1.4	8.2	380.8	975.0	20.0	17.9	126.9	5.6	-8.4	3.3	297.1	332.2	13.4	87.0	0.5	296.
2.3	10.1	655.2	950.0	19.7	14.7	141.9	7.0	-4.3	5.5	298.7	328.4	11.2	72.8	0.8	304.
3.0	12.0	835.2	925.0	19.3	10.8	150.1	7.6	-3.8	6.6	300.2	324.2	8.8	57.9	1.1	310.
3.8	14.0	1070.5	900.0	17.8	9.0	149.9	10.0	-9.0	8.7	303.9	323.0	9.1	56.5	1.5	316.
4.6	15.9	1311.1	875.0	16.4	6.5	150.4	9.2	-8.5	8.0	301.8	321.1	7.0	51.8	2.0	320.
5.6	18.0	1557.5	850.0	14.3	-6.6	137.9	8.5	-5.7	6.3	303.6	311.7	2.7	20.1	2.5	321.
6.4	20.1	1810.6	825.0	15.1	-6.4	137.2	9.2	-6.3	6.8	304.9	313.1	2.8	21.4	2.9	320.
7.4	22.2	2070.5	800.0	13.7	0.9	140.3	7.5	-8.1	6.2	306.4	321.1	5.1	41.5	3.4	320.
8.2	24.5	2337.1	775.0	11.7	-1.6	151.2	6.2	-3.0	5.5	306.9	319.7	4.4	39.6	3.7	321.
9.1	26.5	2610.4	750.0	10.1	-5.8	147.3	3.8	-2.1	3.2	307.9	317.1	3.1	27.7	4.0	322.
10.2	28.5	2891.5	725.0	9.7	-19.2	125.2	2.0	-1.5	1.2	310.2	313.9	1.2	11.2	4.2	322.
11.1	31.2	3181.9	700.0	8.6	-20.3	24.5	0.7	-6.3	-0.6	312.2	315.7	1.1	10.8	4.3	322.
12.1	33.7	3482.1	675.0	8.4	-19.6	36.2	3.4	-2.0	-2.8	315.2	319.1	1.2	11.8	4.1	321.
13.2	36.0	3792.4	650.0	6.3	-19.3	68.9	7.1	-6.4	-3.0	316.2	320.3	1.3	13.8	4.2	316.
14.3	38.6	4112.3	625.0	3.8	-18.0	48.0	9.7	-7.0	-6.8	317.0	322.7	1.8	22.1	4.4	309.
15.4	41.0	4418.8	600.0	0.4	-12.7	19.7	13.4	-4.5	-12.6	318.9	324.4	2.4	36.5	4.4	296.
16.6	43.7	4742.0	575.0	-1.9	-10.6	5.3	8.6	-3.7	-7.8	318.0	323.8	1.8	31.3	4.2	288.
17.8	46.4	5134.2	550.0	-4.1	-10.6	27.1	9.0	-8.1	-8.0	318.4	325.5	1.9	37.2	4.5	280.
19.0	49.3	5499.7	525.0	-6.3	-13.9	1.9	14.6	-8.5	-14.6	321.0	326.3	1.6	35.8	4.6	271.
20.3	52.0	5879.0	500.0	-9.1	-22.2	12.2	12.6	-2.7	-12.3	322.1	326.3	1.3	33.6	4.8	256.
21.6	55.1	6274.2	475.0	-11.8	-23.7	35.8	12.0	0.7	-12.0	323.5	326.8	1.0	30.4	5.2	246.
23.0	59.0	6685.0	450.0	-14.6	-27.2	352.5	12.0	1.6	-11.9	324.9	328.0	0.9	33.3	5.6	237.
24.4	61.3	7116.6	425.0	-17.7	-34.6	336.8	13.1	5.2	-12.1	326.3	328.2	0.5	23.6	6.0	227.
25.9	64.7	7568.2	400.0	-20.1	-41.3	334.9	13.5	5.7	-12.2	328.8	329.7	0.3	13.4	6.6	217.
27.5	63.0	8042.8	375.0	-23.7	-43.9	333.5	13.0	5.8	-11.7	330.2	330.9	0.2	13.5	7.0	208.
29.2	71.6	8542.0	350.0	-29.5	-35.5	318.9	15.9	10.5	-12.0	330.2	332.1	0.5	51.3	7.8	198.
30.9	75.3	9070.4	325.0	-31.4	-36.3	320.8	13.0	8.7	-10.7	331.7	335.2	0.5	61.9	8.8	189.
32.8	79.5	9632.1	300.0	-35.9	-40.4	313.8	11.9	8.6	-8.3	334.7	336.1	0.4	62.7	9.7	183.
34.6	83.5	10230.5	275.0	-40.9	-45.9	303.3	10.0	8.4	-5.5	336.0	336.0	0.9	99.9	10.6	177.
36.8	88.0	10870.3	250.0	-46.9	-49.9	295.8	11.4	10.2	-4.9	336.3	336.3	0.9	99.9	11.2	171.
38.9	92.8	11556.7	225.0	-52.7	-52.7	294.9	16.8	15.3	-7.1	337.6	337.6	0.9	99.9	12.3	165.
41.4	98.0	12309.3	200.0	-59.1	-59.1	289.5	20.2	19.0	-6.8	339.2	339.2	0.9	99.9	14.2	156.
44.2	103.5	13133.8	175.0	-65.0	-65.0	255.1	24.8	22.4	-10.5	341.0	341.0	0.9	99.9	17.1	147.
47.4	110.0	14053.5	150.0	-71.2	-69.9	290.9	28.5	28.6	-10.2	347.5	347.5	0.9	99.9	21.5	139.
50.8	116.7	15152.3	125.0	-66.4	-66.4	305.2	12.4	12.9	-9.1	374.8	374.8	0.9	99.9	28.1	135.
55.0	124.8	16487.8	100.0	-69.2	-69.2	300.4	15.8	13.7	-8.0	394.1	394.1	0.9	99.9	29.8	133.
60.5	134.0	18185.7	75.0	-73.0	-69.4	322.3	2.5	1.5	-2.0	410.8	410.8	0.9	99.9	33.0	133.
67.9	143.5	20619.9	50.0	-82.9	-67.9	109.7	5.2	-4.9	1.7	495.3	495.3	0.9	99.9	32.6	136.
79.8	154.0	25037.9	25.0	-50.9	-50.9	152.0	3.4	-1.6	3.0	638.3	638.3	0.9	99.9	31.0	137.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISS27 APRIL 1975
1415 GMT

TIME MIN	CHCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR CG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	4.2	100.0	1007.4	20.5	20.5	150.0	3.1	-1.5	2.7	295.1	334.5	15.3	100.0	0.0	0.
0.2	4.8	163.9	1000.0	19.5	19.5	129.3	3.7	-2.9	2.3	294.6	331.9	14.8	99.9	0.1	340.
0.9	6.5	382.5	975.0	18.5	18.4	134.2	5.2	-3.6	3.8	294.6	331.4	13.8	99.4	0.2	321.
1.7	6.8	606.4	950.0	20.5	14.8	156.7	8.6	-4.2	7.5	299.7	328.4	11.2	69.7	0.5	323.
2.4	10.5	837.4	925.0	20.2	13.0	154.9	9.4	-4.0	8.5	301.4	330.8	10.9	67.2	0.9	327.
3.1	12.5	1073.7	900.0	18.4	12.0	153.9	8.9	-3.9	8.0	301.4	328.5	9.3	64.3	1.3	330.
3.9	14.6	1314.6	875.0	16.5	10.1	156.6	7.8	-3.1	7.1	302.1	326.4	8.9	65.7	1.7	331.
4.6	16.8	1511.3	850.0	14.8	6.2	156.8	7.5	-3.0	6.9	302.8	325.0	8.1	64.5	2.1	332.
5.4	18.8	1813.3	825.0	12.9	6.5	165.7	7.4	-1.8	7.1	303.2	323.7	7.4	64.6	2.4	333.
6.3	20.9	2071.5	800.0	11.5	4.7	179.0	6.1	-0.1	6.1	304.3	323.1	6.7	62.8	2.7	335.
7.2	23.2	2334.6	775.0	10.5	-0.1	184.1	5.0	0.4	5.0	305.7	320.4	5.1	50.3	3.0	338.
8.1	25.5	2605.5	750.0	10.4	-9.5	184.3	3.6	0.3	3.6	308.2	315.7	2.5	23.6	3.2	340.
9.1	27.8	2891.6	725.0	10.4	-16.0	155.3	1.9	-0.8	1.7	311.0	315.8	1.5	14.1	3.4	341.
10.1	30.3	3182.9	700.0	9.9	-10.6	104.8	3.1	-3.0	0.8	313.6	317.3	1.2	10.6	3.5	340.
11.1	32.9	3484.0	675.0	8.3	-13.2	102.8	3.2	-3.1	0.7	316.1	321.5	2.0	20.2	3.6	317.
12.1	35.5	3794.2	650.0	5.9	-15.3	82.2	2.0	-2.0	-0.3	315.4	321.4	1.8	19.7	3.7	335.
13.3	38.0	4113.7	625.0	3.6	-15.0	5.7	2.3	-1.9	-1.4	316.4	321.5	1.5	18.7	3.7	333.
14.4	40.7	4443.7	600.0	0.9	-12.6	8.0	3.9	-2.9	-2.6	317.4	325.0	2.4	35.9	3.6	330.
15.5	43.4	4783.6	575.0	-2.6	-10.4	47.9	3.5	-2.6	-2.3	317.1	326.6	2.0	55.3	3.6	325.
16.8	46.4	5134.5	550.0	-5.3	-14.7	6.5	3.5	-0.4	-3.4	318.1	325.4	2.3	49.4	3.8	322.
18.0	49.5	5498.2	525.0	-7.6	-19.2	6.9	6.0	-0.7	-5.9	319.2	324.5	1.6	40.4	7.2	318.
19.4	52.4	5875.5	500.0	-10.9	-18.2	2.1	6.3	-0.2	-6.3	320.0	325.8	1.8	54.8	2.9	309.
20.8	55.6	6267.9	475.0	-13.7	-20.5	3.3.5	6.5	2.9	-5.8	321.1	326.2	1.6	56.3	2.6	302.
22.2	58.9	6676.4	450.0	-16.5	-23.4	314.2	7.9	5.2	-5.9	322.7	326.9	1.3	55.1	2.0	295.
23.6	62.3	7104.5	425.0	-18.7	-24.8	305.3	10.3	7.2	-7.0	325.0	327.6	0.8	37.3	1.3	285.
25.2	65.8	7584.3	400.0	-21.2	-24.4	305.3	11.3	9.2	-7.5	327.4	332.2	0.8	45.9	0.5	241.
26.9	68.5	8026.7	375.0	-23.2	-37.4	294.6	15.3	13.9	-7.4	329.2	339.6	0.4	30.8	1.4	144.
28.7	73.3	8524.3	350.0	-29.0	-39.1	294.8	12.8	11.6	-5.4	329.6	337.9	0.4	36.8	2.0	129.
30.5	77.9	9050.0	325.0	-31.9	-47.7	299.4	13.0	11.4	-6.4	331.3	332.3	0.3	36.3	4.0	125.
32.3	81.7	9608.0	300.0	-37.6	-43.1	3.5.9	10.1	8.2	-5.9	332.2	333.1	0.3	56.3	5.3	124.
34.3	86.2	10211.6	275.0	-42.8	95.5	305.3	8.4	6.8	-4.6	333.3	339.9	99.9	99.9	6.4	125.
36.5	91.2	10836.7	250.0	-48.5	99.9	294.2	12.0	10.0	-8.4	334.1	344.1	92.9	99.9	7.6	124.
38.7	96.3	11521.1	225.0	-54.1	97.9	296.5	15.7	14.0	-7.3	335.5	349.9	99.9	99.9	9.5	124.
41.3	102.0	12285.9	200.0	-60.3	99.9	284.8	22.8	22.1	-5.6	337.3	359.9	99.9	99.9	12.3	120.
44.3	108.3	13084.5	175.0	-67.4	99.9	277.7	27.5	27.2	-3.7	339.6	369.9	99.9	99.9	18.6	115.
46.2	113.3	14000.6	150.0	-72.1	99.9	282.5	29.1	26.5	-6.3	341.1	369.9	99.9	99.9	23.5	110.
51.0	123.0	15110.9	125.0	-65.3	99.9	297.8	11.6	10.4	-5.3	376.7	399.9	99.9	99.9	28.6	110.
47.3	132.0	16446.5	100.0	-69.7	99.9	294.3	17.2	15.6	-7.1	393.1	399.9	99.9	99.9	33.3	110.
67.8	141.3	19155.9	75.0	-71.5	99.9	326.9	8.1	4.4	-6.8	423.1	999.9	99.9	99.9	37.1	111.
73.0	153.0	20606.5	50.0	-89.6	95.9	999.9	99.9	99.9	96.9	503.0	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LA

27 APRIL 1978
1415 GMT

TIME MM	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	DOT Y DG K	E DOT Y DG K	MR RTO CM/KG	RM PC1	RANGE KM	AZ DEG
00	303	5.0	1015.6	24.4	21.7	130.0	7.2	-3.5	4.6	296.4	341.2	16.4	85.0	0.0	0.
01	407	140.0	1000.0	22.4	20.2	130.2	8.4	-4.2	7.3	297.6	337.1	15.1	87.6	0.3	317.
02	608	341.5	978.0	21.1	20.1	148.2	8.9	-4.7	7.6	298.4	336.7	15.4	93.9	0.6	323.
03	909	586.3	950.0	18.5	17.1	149.1	11.1	-5.7	9.5	297.8	332.1	13.1	91.4	1.0	325.
04	1102	815.8	925.0	19.8	12.6	150.9	13.3	-6.5	11.7	300.9	327.6	10.0	91.1	1.5	327.
05	1305	1051.0	900.0	18.9	10.7	152.8	12.8	-5.8	11.4	302.2	326.8	9.0	90.1	2.2	328.
06	1508	1293.8	875.0	17.8	8.2	151.4	11.4	-5.5	10.0	303.1	321.0	6.4	43.7	2.3	329.
07	1712	1500.7	850.0	16.3	1.7	152.3	12.0	-3.6	10.6	303.9	318.4	5.1	37.3	3.5	330.
08	1916	1794.0	825.0	15.8	3.9	150.3	9.4	-3.6	8.6	303.1	322.5	6.2	48.0	4.9	330.
09	2120	2053.1	800.0	13.7	-3.0	145.8	9.8	-2.4	9.4	304.1	317.4	3.8	31.4	4.6	331.
10	2324	2320.3	775.0	12.9	-13.2	177.6	9.7	-0.4	9.6	307.9	314.0	2.0	16.6	5.0	333.
11	2528	2595.4	750.	12.7	-25.1	188.0	9.7	0.7	9.7	310.5	312.7	0.7	5.6	5.6	337.
12	2732	2879.8	725.0	13.8	-38.3	165.0	8.5	-1.6	8.3	315.6	315.3	0.2	1.4	6.1	339.
13	2936	3174.4	700.0	12.6	-35.7	165.4	7.2	-1.8	7.0	316.3	317.4	0.3	2.0	6.6	339.
14	3140	3477.0	675.0	11.0	-38.6	167.3	5.3	-1.2	5.2	318.0	316.9	0.3	2.2	7.0	340.
15	3344	3790.6	650.0	8.1	-9.1	152.3	3.4	-1.3	3.0	318.5	327.8	3.0	28.6	7.3	340.
16	3548	4112.9	625.0	5.6	-8.6	144.2	4.2	-2.4	3.4	319.2	329.2	3.2	38.2	7.5	336.
17	3752	4444.9	600.0	2.7	-11.2	135.4	4.8	-3.4	3.4	319.6	328.1	2.7	33.1	7.8	336.
18	3956	4767.3	575.0	-0.4	-12.7	125.4	4.7	-3.8	2.7	319.6	327.4	2.5	39.3	8.1	337.
19	4160	5100.4	550.0	-3.7	-14.9	116.6	5.8	-3.2	2.6	320.0	327.9	2.2	41.4	8.4	334.
20	4364	5505.9	525.0	-6.0	-24.0	135.7	7.2	-3.0	5.2	321.3	326.8	1.6	22.5	8.9	334.
21	4568	5895.7	500.0	-8.9	-27.6	175.7	6.6	-0.4	6.6	322.3	325.6	0.9	23.9	9.5	334.
22	4772	6280.8	475.0	-11.7	-37.3	224.2	5.6	3.9	4.0	323.4	323.5	0.0	1.0	9.8	334.
23	4976	6682.8	450.0	-14.4	-46.4	229.3	8.0	6.1	5.2	324.0	323.2	0.0	1.6	10.8	339.
24	5180	7123.4	425.0	-17.6	-50.7	245.4	9.0	6.3	3.3	325.3	325.7	0.1	3.6	10.2	344.
25	5384	7575.0	400.0	-20.1	-52.7	245.4	9.0	6.3	3.3	325.3	325.7	0.0	3.6	10.2	344.
26	5588	8050.1	375.0	-23.8	-55.1	247.0	10.5	9.6	4.1	330.1	330.1	0.0	1.0	10.6	349.
27	5792	8549.4	350.0	-28.1	-60.5	257.3	11.7	11.4	2.6	330.8	331.0	0.0	2.7	10.8	340.
28	5996	9076.7	325.0	-32.5	-66.3	262.2	13.4	13.3	1.8	331.8	332.0	0.0	7.2	11.1	4.
29	6200	9638.6	300.0	-36.8	-72.2	257.9	14.8	15.5	3.1	334.4	334.1	0.2	32.9	11.7	14.
30	6404	10212.4	275.0	-41.3	-79.9	273.0	16.0	15.9	-0.8	335.4	335.1	0.9	99.9	12.2	23.
31	6608	10873.2	250.0	-46.0	-86.0	272.3	17.8	17.6	-0.7	337.7	337.7	0.9	99.9	13.6	34.
32	6812	11566.4	225.0	-51.1	-90.9	271.0	17.5	17.5	-0.3	340.2	340.2	0.9	99.9	15.2	42.
33	7016	12323.8	200.0	-56.4	-99.9	265.0	21.8	21.7	1.9	343.4	343.4	0.9	99.9	17.9	50.
34	7220	13159.7	175.0	-62.7	-99.9	267.8	20.9	20.9	0.9	346.5	346.5	0.9	99.9	21.3	57.
35	7424	14007.2	150.0	-67.4	-99.9	276.6	24.6	24.5	-2.8	354.1	354.1	0.9	99.9	25.2	62.
36	7628	15192.4	125.0	-73.4	-99.9	276.8	20.3	20.2	-2.4	376.6	376.6	0.9	99.9	30.9	69.
37	7832	16540.3	100.0	-85.4	-99.9	268.8	11.3	11.3	0.6	393.3	393.3	0.9	99.9	34.4	71.
38	8036	18242.8	75.0	-99.2	-99.9	162.4	3.6	-1.1	3.6	427.8	427.8	0.9	99.9	36.7	70.
39	8240	20716.0	50.0	-99.5	-99.9	95.2	0.6	-0.5	0.6	503.4	503.4	0.9	99.9	34.8	70.
40	8444	99.9	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	0.9	99.9	99.9	99.9.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN SEEN IN THE PAST

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248
SHREVEPORT, LA

27 APRIL 1975
1415 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR STO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	4.4	79.0	1066.8	23.3	21.0	160.0	4.1	-1.4	3.9	298.0	339.2	15.8	87.0	0.0	0
0.2	5.0	138.3	1000.0	22.7	20.9	167.7	7.4	-1.6	7.2	298.0	339.3	15.8	89.7	0.2	348
1.2	6.9	359.0	975.0	20.7	19.4	168.2	9.0	-1.8	6.8	298.0	339.5	14.7	91.7	0.6	348
2.2	9.0	583.6	950.0	19.7	17.8	177.1	12.6	-0.6	12.6	298.0	339.8	13.6	94.1	1.2	350
3.3	11.0	813.2	925.0	20.2	12.0	173.2	14.7	-1.7	14.6	301.3	327.3	9.6	99.0	2.1	352
4.2	13.2	1050.0	900.0	19.6	6.8	178.0	17.3	-0.6	17.3	307.0	324.4	7.8	47.9	3.0	353
5.1	15.4	1292.3	875.0	18.9	0.1	182.1	13.3	0.6	13.3	308.1	317.1	4.6	29.1	3.9	355
6.2	17.6	1540.7	850.0	18.1	-2.3	183.1	12.4	0.7	12.4	308.7	317.0	3.9	29.4	4.6	356
7.3	20.0	1795.2	825.0	16.0	2.0	185.3	12.8	1.2	12.8	306.2	321.6	6.4	38.8	5.5	358
8.3	22.1	2055.6	800.0	13.9	-3.4	181.7	12.8	0.4	12.8	306.4	317.3	3.7	29.9	6.3	358
9.4	24.6	2322.1	775.0	11.8	-2.0	184.4	12.8	1.0	12.8	307.0	319.5	4.3	38.4	7.1	359
10.6	26.9	2595.8	750.0	10.8	-9.0	191.7	13.6	2.8	13.4	308.6	318.4	2.6	23.9	8.0	360
11.6	29.4	2877.7	725.0	10.0	-18.5	197.4	13.6	4.1	13.0	310.6	318.6	1.2	11.7	9.9	3
13.0	32.0	3169.5	700.0	11.5	-24.2	198.9	12.2	4.0	11.6	315.3	317.4	0.8	6.4	9.9	3
14.2	34.7	3472.2	675.0	9.6	-14.2	190.2	11.2	2.0	11.0	316.9	322.9	1.9	10.7	10.7	4
15.7	37.1	3788.4	650.0	8.0	-13.9	185.5	8.7	0.8	8.7	318.3	324.7	2.0	19.5	11.5	4
17.0	40.0	4109.1	625.0	5.0	-13.1	184.4	9.8	0.8	9.7	318.4	325.4	2.2	28.8	12.3	4
18.4	42.6	4377.5	600.0	2.2	-10.3	189.0	8.9	1.5	8.8	319.0	328.1	2.9	39.2	13.1	4
19.8	45.4	4779.4	575.0	-0.9	-11.0	197.7	8.9	2.7	8.5	321.3	328.3	2.9	46.0	13.8	5
21.3	48.5	5132.3	550.0	-4.2	-11.9	206.2	7.8	3.5	7.0	319.4	328.2	2.8	54.9	14.6	6
22.8	51.3	5490.6	525.0	-7.7	-13.0	208.2	7.3	2.3	6.9	319.8	328.0	2.7	66.0	15.2	7
24.3	54.5	5874.9	500.0	-10.2	-13.5	196.0	7.2	0.8	7.2	320.7	322.6	0.6	18.7	15.8	7
25.9	57.5	6268.1	475.0	-12.8	-17.7	195.2	9.6	3.2	9.1	322.1	323.2	0.0	1.0	16.6	7
27.6	60.9	6678.0	450.0	-15.6	-17.5	212.0	11.0	6.6	8.8	323.5	323.7	0.0	1.3	17.7	8
29.5	64.3	7100.7	425.0	-18.6	-17.8	222.7	11.7	7.9	8.6	325.1	325.2	0.0	1.7	18.7	10
31.3	67.7	7556.1	400.0	-21.5	-18.4	230.8	14.4	11.1	9.1	327.0	327.2	0.0	2.0	19.9	13
33.4	71.3	8028.5	375.0	-25.1	-19.6	236.2	14.3	14.1	7.5	328.2	328.4	0.0	2.4	21.1	16
35.4	75.2	8525.1	350.0	-29.5	-19.2	241.2	14.9	13.1	7.2	328.9	329.1	0.1	6.2	22.6	19
37.7	79.3	9050.0	325.0	-33.7	-19.8	253.2	17.0	16.3	4.9	330.1	330.5	0.1	13.4	24.1	23
40.1	83.3	9607.0	300.0	-37.7	-19.8	258.0	18.3	17.4	5.7	332.2	332.5	0.1	15.4	25.7	27
42.5	87.7	10200.9	275.0	-42.4	-19.9	268.6	20.5	19.3	7.2	333.8	333.9	0.1	15.4	27.9	31
45.2	92.5	10838.6	250.0	-46.7	-19.9	255.0	23.7	22.9	6.1	336.7	336.7	0.0	99.9	30.8	36
48.0	97.4	11528.3	225.0	-52.6	-19.9	252.3	24.9	23.7	7.6	338.0	338.0	0.0	99.9	33.4	40
51.1	102.6	12279.0	200.0	-58.2	-19.9	262.3	22.5	22.3	3.3	340.6	340.6	0.0	99.9	37.8	44
54.4	108.8	13100.8	175.0	-64.5	-19.9	262.1	19.4	19.2	2.7	343.6	343.6	0.0	99.9	41.3	48
57.8	115.2	14037.2	150.0	-68.8	-19.9	268.8	24.4	24.2	3.1	351.6	351.6	0.0	99.9	44.7	51
61.9	122.3	15131.2	125.0	-66.6	-19.9	260.3	25.9	25.5	4.4	374.0	374.0	0.0	99.9	50.2	55
67.0	130.6	16477.1	100.0	-70.3	-19.9	261.9	13.3	13.2	1.9	391.9	391.9	0.0	99.9	56.4	57
73.8	140.3	18193.2	75.0	-67.5	-19.9	142.3	3.7	-2.2	2.0	431.4	431.4	0.0	99.9	58.8	57
81.9	151.0	20458.9	50.0	-63.5	-19.9	82.9	4.6	-0.6	-0.6	492.0	492.0	0.0	99.9	58.8	58
90.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
IN POOR QUALITY

STATION NO. 250
BROWNSVILLE, TEX

27 APRIL 1975
1415 GMT

TIME MIN	CHCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MX RTO GM/KG	RM PCT	RANGE AZ KM	DG
00.0	4.0	7.0	1010.8	26.1	20.7	180.0	9.3	-3.2	8.7	300.4	341.0	15.4	72.0	0.0	0.
00.3	4.9	101.0	1000.0	24.7	21.7	157.5	12.3	-4.7	11.3	300.1	343.7	14.6	83.2	0.7	347.
01.0	6.8	324.4	978.0	22.7	21.2	159.3	13.6	-4.8	12.7	300.2	343.6	16.8	91.3	0.7	330.
1.8	8.0	880.9	950.0	21.1	19.7	158.5	13.4	-4.9	12.5	300.7	341.4	15.4	91.8	1.4	340.
2.6	10.8	781.9	928.0	18.9	17.8	161.2	16.4	-5.3	15.5	300.5	337.8	14.1	93.7	2.0	340.
3.6	12.9	1617.3	900.0	17.0	4.3	161.6	20.6	-6.8	19.5	299.9	316.6	8.1	44.3	3.2	340.
4.6	15.1	1253.0	875.0	18.5	6.7	167.0	19.5	-4.4	19.0	303.9	323.8	7.1	46.8	4.4	341.
5.4	17.2	1507.8	850.0	18.1	2.3	168.3	17.1	-3.5	16.7	305.8	321.2	5.4	34.7	6.3	342.
6.3	19.5	1762.7	825.0	17.6	-3.3	175.8	13.5	-1.0	13.5	307.7	318.5	3.7	24.0	8.1	343.
7.2	21.5	2024.4	800.0	16.4	-25.8	171.1	13.8	-2.1	13.6	308.7	312.5	1.2	8.7	9.6	345.
8.1	23.9	2293.6	775.0	16.1	-40.0	167.5	13.9	-3.0	13.6	311.2	311.7	0.1	1.0	7.6	345.
9.0	26.1	2571.8	750.0	17.1	-39.8	176.7	10.2	-0.6	10.2	315.1	315.7	0.2	1.0	8.2	345.
9.9	28.6	2859.7	725.0	16.3	-40.0	194.4	8.9	3.0	8.4	317.3	317.9	0.2	1.0	8.7	347.
10.7	31.1	3156.2	700.0	14.2	-41.2	220.1	8.4	5.4	6.4	318.2	318.8	0.1	1.0	9.0	349.
11.6	33.8	3460.5	675.0	11.6	-42.8	224.3	6.3	4.4	4.5	318.6	319.1	0.1	1.0	9.3	351.
12.6	36.2	3774.5	650.0	9.5	-44.1	203.7	4.6	1.8	4.2	319.7	320.1	0.1	1.0	9.5	353.
13.8	38.0	4097.8	625.0	7.4	-45.4	191.0	3.7	0.7	3.7	320.9	321.3	0.1	1.0	9.8	353.
14.9	41.6	4431.8	600.0	4.7	-47.1	230.4	1.9	1.5	1.2	321.5	321.8	0.1	1.0	10.0	354.
16.0	44.4	4776.8	575.0	1.9	-48.8	290.5	1.2	1.1	-0.4	322.1	322.4	0.1	1.0	9.9	354.
17.1	47.4	5132.8	550.0	-1.1	-50.7	149.0	1.1	-0.5	0.9	322.7	323.0	0.1	1.0	9.9	350.
18.2	50.4	5501.2	525.0	-3.8	-52.4	156.1	4.9	-2.0	4.4	323.8	324.0	0.3	1.0	10.1	350.
19.3	53.4	5884.0	500.0	-6.7	-54.4	171.3	8.1	-1.2	8.0	324.8	325.6	0.3	5.9	10.8	353.
20.6	56.5	6282.1	475.0	-9.7	-56.3	192.4	9.4	2.0	9.2	326.0	326.4	0.1	2.8	11.2	354.
21.9	59.9	6696.5	450.0	-13.2	-58.1	201.9	11.2	4.2	10.4	326.5	327.2	0.2	5.4	11.9	359.
23.4	63.4	7128.8	425.0	-17.0	-59.8	199.1	11.5	3.7	10.8	327.1	328.1	0.3	12.1	12.9	360.
24.9	66.8	7580.7	400.0	-19.7	-61.6	197.4	12.5	3.8	11.9	329.4	330.1	0.2	9.7	13.9	359.
26.3	70.5	8054.9	375.0	-23.1	-63.9	200.8	15.4	5.5	14.4	331.0	331.5	0.1	9.3	15.0	1.
27.6	74.3	8557.6	350.0	-27.5	-67.3	202.0	16.1	6.0	14.9	331.6	332.1	0.1	13.2	16.4	2.
29.4	78.6	9066.0	325.0	-31.6	-69.2	216.7	15.0	9.0	12.0	333.0	333.5	0.1	18.8	17.7	4.
31.1	82.8	9647.4	300.0	-35.8	-69.2	224.5	14.0	10.6	9.1	334.9	335.4	0.1	23.4	18.9	7.
33.0	87.4	10246.8	275.0	-40.4	99.8	227.8	15.5	11.5	10.4	336.7	336.9	0.1	99.9	20.1	10.
35.0	92.4	10889.9	250.0	-45.4	99.9	236.9	19.5	16.4	10.7	338.5	338.9	0.1	99.9	21.8	10.
37.2	97.6	11566.1	225.0	-49.9	99.9	245.9	22.8	20.9	9.3	342.0	342.0	0.1	99.9	23.9	10.
39.6	103.3	12347.5	200.0	-55.2	99.9	270.6	27.2	27.2	-0.3	345.3	345.3	0.1	99.9	25.9	26.
42.3	109.8	13188.0	175.0	-61.6	99.9	277.6	35.4	35.1	-4.7	348.3	348.3	0.1	99.9	28.1	34.
45.3	116.5	14125.0	150.0	-69.5	99.9	288.4	33.1	31.4	-10.5	350.4	350.4	0.1	99.9	31.3	40.
48.6	124.3	15194.9	125.0	-72.3	99.9	258.4	20.9	20.5	4.2	364.1	364.1	0.1	99.9	34.9	54.
53.0	133.0	16507.4	100.0	-72.8	99.9	244.4	18.3	16.8	7.3	387.0	387.0	0.1	99.9	39.6	56.
58.4	141.7	18182.9	75.0	-71.9	99.9	160.2	7.2	-2.4	6.8	422.2	422.2	0.1	99.9	43.2	54.
65.7	151.0	20447.9	50.0	-60.7	99.9	253.1	0.4	0.4	0.1	500.4	500.4	0.1	99.9	43.2	53.
77.4	161.0	25067.7	25.0	-49.9	99.9	127.5	5.8	-4.6	3.4	641.1	641.1	0.1	99.9	40.4	51.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEX27 APRIL 1975
1415 GMT

TIME MIN	CNTY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PNT Y DEG K	E PDT Y DEG K	MX 370 GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	3.6	33.0	1009.0	24.9	21.2	160.0	10.3	0.0	10.3	299.4	341.3	16.0	80.0	0.0	0.0
0.2	4.5	112.0	1000.0	24.2	21.2	99.9	99.9	99.9	99.9	299.6	341.6	16.1	83.2	99.9	99.9
0.9	6.5	333.6	975.0	22.0	20.4	99.9	99.9	99.9	99.9	299.4	340.7	15.7	90.7	99.9	99.9
1.5	8.7	559.8	950.0	20.5	19.7	99.9	99.9	99.9	99.9	300.1	340.7	15.4	95.0	99.9	99.9
2.1	10.8	790.8	925.0	19.4	18.6	174.2	14.3	-1.4	14.2	301.1	340.4	14.0	95.3	1.4	344.0
3.7	13.1	1024.9	900.0	18.5	-2.7	174.4	19.0	-1.9	18.9	296.9	306.8	3.5	30.4	2.1	348.0
3.6	15.4	1263.7	875.0	19.7	0.5	174.7	19.9	-1.6	19.8	304.9	318.0	4.6	27.6	3.1	350.0
4.5	17.7	1518.4	850.0	18.4	-8.8	175.1	20.7	-1.8	20.6	305.9	317.4	3.9	25.3	4.2	351.0
5.2	20.2	1769.4	825.0	17.6	-8.9	172.4	19.5	-2.6	19.4	307.5	315.0	2.5	16.5	5.1	352.0
6.0	22.4	2031.2	800.0	16.4	-23.6	173.6	19.7	-2.2	19.4	308.7	311.0	0.7	4.9	6.0	352.0
6.8	25.0	2246.8	775.0	15.2	-30.4	178.4	17.0	-0.5	17.0	310.1	310.7	0.2	1.1	6.9	352.0
7.8	27.3	2576.5	750.0	14.4	-41.1	174.7	15.6	-1.4	15.5	312.3	312.4	0.1	1.0	7.8	353.0
8.7	30.0	2812.1	725.0	14.8	-40.9	171.1	15.6	-2.4	15.4	315.7	316.2	0.1	1.0	8.6	353.0
9.7	32.7	3158.2	700.0	14.2	-41.2	174.4	14.6	-1.4	14.6	318.2	316.7	0.1	1.0	9.6	353.0
10.6	35.4	3463.1	675.0	11.6	-31.7	171.1	14.1	-1.2	13.9	318.9	320.4	0.4	3.4	10.3	353.0
11.5	38.1	3770.6	650.0	9.4	-30.3	160.7	13.6	-3.4	13.4	319.6	321.2	0.5	4.1	11.1	353.0
12.5	40.8	4100.2	625.0	7.3	-25.6	159.0	14.6	-8.2	13.6	320.8	323.4	0.8	7.8	11.9	352.0
13.6	43.8	4432.7	600.0	4.1	-22.0	153.4	12.6	-6.6	11.2	320.9	324.6	1.1	12.8	12.8	351.0
14.7	46.9	4777.7	575.0	1.1	-24.3	148.8	10.3	-2.0	10.1	321.4	324.5	0.9	12.8	13.6	350.0
15.9	50.0	5137.9	550.0	-1.7	-24.0	199.2	9.0	2.9	8.5	322.1	325.8	1.0	16.2	14.2	351.0
17.0	53.0	5501.1	525.0	-4.8	-24.1	217.4	10.0	4.1	8.0	322.7	326.2	1.0	20.3	14.7	352.0
18.2	56.1	5882.3	500.0	-8.1	-23.1	217.8	10.8	6.6	8.5	323.3	327.4	1.2	29.2	19.2	354.0
19.4	59.6	6278.6	475.0	-11.1	-34.3	215.8	12.8	7.5	10.4	324.3	328.9	0.4	12.8	15.9	356.0
20.7	63.1	6691.4	450.0	-13.5	-40.9	210.4	14.4	7.3	12.4	325.7	329.2	0.1	4.4	16.7	359.0
22.0	66.6	7123.4	425.0	-16.5	-60.4	210.1	13.4	6.3	10.6	327.7	327.8	0.0	1.0	17.6	1.0
23.4	70.4	7576.0	400.0	-20.0	-62.6	217.2	17.1	10.3	13.6	329.0	329.0	0.0	1.0	18.6	3.0
24.0	74.2	8050.7	375.0	-23.8	-58.8	222.2	17.0	11.4	12.6	330.1	330.2	0.0	2.4	19.9	6.0
25.5	78.3	8550.2	350.0	-28.3	-48.5	229.5	15.6	13.9	10.2	330.5	331.0	0.1	12.7	21.2	8.0
26.1	82.5	9076.7	325.0	-32.8	-47.7	227.6	20.6	15.2	13.9	331.4	331.9	0.2	20.9	22.6	11.0
28.0	86.8	9635.0	300.0	-36.5	-41.9	230.7	19.4	15.0	12.3	333.9	331.1	0.3	57.8	24.1	14.0
31.8	91.8	10233.2	275.0	-40.8	99.9	236.2	21.7	14.1	12.1	336.2	999.9	99.9	999.9	25.9	17.0
33.6	96.8	10875.8	250.0	-45.9	99.9	241.3	23.8	20.9	11.4	337.8	999.9	99.9	999.9	27.9	21.0
35.9	102.0	11567.7	225.0	-51.9	99.9	244.3	23.4	21.1	10.1	339.0	999.9	99.9	999.9	30.4	25.0
38.3	107.8	12322.7	200.0	-56.6	99.9	251.0	29.0	27.4	9.4	343.1	999.9	99.9	999.9	33.1	30.0
40.9	114.0	13159.0	175.0	-62.6	99.9	267.5	33.8	33.8	1.5	346.6	999.9	99.9	999.9	36.7	35.0
43.9	120.8	14098.0	150.0	-67.7	99.9	267.5	43.2	43.2	1.9	353.5	999.9	99.9	999.9	41.7	43.0
47.1	128.3	15180.2	125.0	-69.8	99.9	212.8	25.6	22.8	11.7	368.7	999.9	99.9	999.9	46.6	48.0
51.4	136.5	16507.8	100.0	-71.5	99.9	244.4	16.2	14.6	7.0	389.7	999.9	99.9	999.9	51.7	50.0
56.9	144.3	18208.6	75.0	-69.5	99.9	168.6	3.6	-0.7	3.6	427.2	999.9	99.9	999.9	54.8	50.0
64.8	152.7	20679.4	50.0	-60.0	99.9	184.7	5.9	-4.8	-3.4	502.3	999.9	99.9	999.9	54.9	49.0
74.8	161.8	25670.9	25.0	-50.9	99.9	189.1	4.8	0.7	4.5	638.2	999.9	99.9	999.9	53.0	48.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 260
STEPHENVILLE, TEX

27 APRIL 1978
1440 GMT

159 16.0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP CG C	DEW PT CG C	DIR NG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	9.6	399.0	963.3	23.0	19.4	160.0	9.3	-3.2	9.7	301.3	340.9	14.9	80.0	0.0	0.
0.9	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	9.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	10.7	920.2	920.0	21.1	17.3	99.9	99.9	99.9	99.9	300.4	379.6	13.2	99.9	99.9	99.9
1.5	13.1	751.0	925.0	18.9	17.0	99.9	99.9	99.9	99.9	300.4	379.6	13.4	99.9	99.9	99.9
2.4	15.4	986.5	900.0	17.1	15.6	179.0	21.1	-0.4	21.1	302.8	374.1	12.5	90.9	2.3	351.
3.1	17.8	1228.2	875.0	19.9	4.9	187.7	27.7	2.7	27.4	305.3	372.2	4.3	38.4	3.4	351.
4.0	20.3	1478.1	850.0	20.0	-2.3	187.6	31.1	4.1	30.4	307.6	372.2	3.8	22.1	4.9	340.
4.8	22.6	1734.0	825.0	17.8	0.7	192.6	29.7	6.8	29.0	308.1	372.7	5.0	32.7	6.4	2.
5.8	25.2	1996.5	800.0	15.9	9.7	194.2	27.9	6.8	27.1	309.4	376.1	9.5	66.6	8.1	4.
6.7	27.7	2266.1	775.0	16.6	-29.8	194.6	25.8	8.5	24.9	311.8	376.1	0.8	5.8	9.4	6.
7.5	30.3	2544.9	750.0	17.0	-39.5	200.0	23.9	8.2	22.5	315.1	376.1	0.2	1.0	10.7	7.
8.4	33.1	2832.6	725.0	15.9	-40.2	204.0	22.3	8.9	20.1	316.9	376.1	0.9	1.0	11.9	9.
9.4	35.7	3129.0	700.0	14.4	-22.9	207.3	19.0	8.7	16.9	318.6	376.1	0.9	6.0	13.0	10.
10.3	38.6	3434.5	675.0	12.0	-14.6	208.6	16.6	8.1	14.6	319.3	376.2	2.1	16.6	14.0	12.
11.4	41.3	3748.4	650.0	9.0	-12.3	207.1	15.4	7.0	13.7	319.4	376.2	2.3	20.7	15.0	13.
12.6	44.1	4071.2	625.0	6.4	-14.6	203.5	14.7	5.8	13.4	320.3	376.2	2.0	20.8	15.9	14.
13.7	47.3	4404.0	600.0	3.3	-13.3	196.5	15.8	4.5	15.1	320.3	376.2	2.3	28.3	17.0	14.
14.9	50.3	4747.2	575.0	0.1	-13.2	195.2	16.8	4.4	16.2	320.3	376.2	2.4	36.0	18.2	14.
16.1	53.4	5101.5	550.0	-3.1	-13.4	194.4	18.8	4.7	18.2	320.7	376.2	2.5	44.7	19.4	14.
17.4	56.4	5467.8	525.0	-6.3	-13.3	197.8	20.8	6.3	19.8	321.1	376.2	2.6	53.0	20.9	14.
18.6	59.9	5847.0	500.0	-9.8	-17.6	211.3	22.7	11.8	19.4	321.1	376.2	1.9	67.6	22.6	14.
20.0	63.3	6240.9	475.0	-12.9	-27.6	212.7	23.8	12.8	20.0	322.1	376.2	0.9	79.5	24.3	14.
21.4	66.7	6650.9	450.0	-15.7	-37.5	214.2	25.1	14.1	20.8	323.4	376.2	0.0	1.4	26.3	14.
22.9	70.3	7078.9	425.0	-19.3	-57.9	213.8	25.1	14.0	20.8	324.2	376.2	0.0	1.7	28.6	14.
24.5	74.0	7526.4	400.0	-22.6	-58.7	214.9	26.0	14.8	21.3	325.5	376.2	0.0	2.1	30.8	20.
25.9	77.9	7997.1	375.0	-26.2	-59.9	214.0	26.4	14.8	21.9	326.9	376.2	0.0	2.5	33.2	21.
27.6	81.8	8492.0	350.0	-30.3	-52.6	215.3	24.7	14.3	20.2	327.8	376.2	0.1	9.2	35.7	22.
29.4	86.0	9014.4	325.0	-34.2	-49.5	222.4	25.5	17.2	18.8	329.5	376.2	0.1	19.3	38.0	23.
31.2	90.6	9570.9	300.0	-37.7	-50.1	215.0	33.5	19.2	27.4	332.2	376.2	0.1	25.8	41.2	24.
33.2	95.3	10166.8	275.0	-40.7	-50.9	221.8	34.7	23.1	25.8	336.3	376.2	99.9	99.9	43.2	24.
35.3	100.2	10807.8	250.0	-46.4	-59.9	221.2	36.4	24.0	27.4	337.1	376.2	99.9	99.9	49.5	24.
37.7	105.4	11498.3	225.0	-52.5	-59.9	222.0	31.8	21.3	23.6	338.1	376.2	99.9	99.9	53.8	24.
39.8	111.0	12248.5	200.0	-58.3	-59.9	224.9	41.6	30.3	28.5	340.4	376.2	99.9	99.9	58.7	30.
42.5	117.3	13076.2	175.0	-65.0	-59.9	224.4	32.1	29.0	13.9	342.7	376.2	99.9	99.9	65.2	32.
45.7	124.3	14013.1	150.0	-64.6	-59.9	237.0	30.3	25.4	10.5	358.8	376.2	99.9	99.9	70.5	34.
48.0	131.7	15120.5	125.0	-66.6	-59.9	232.7	29.2	23.2	17.7	374.5	376.2	99.9	99.9	74.0	34.
53.3	139.3	16470.5	100.0	-70.1	-59.9	217.3	21.7	13.1	17.3	392.4	376.2	99.9	99.9	82.1	36.
58.9	147.3	18198.0	75.0	-65.4	-59.9	180.3	9.7	0.0	9.7	435.3	376.2	99.9	99.9	85.4	36.
64.3	156.7	20491.0	50.0	-61.1	-59.9	88.6	9.5	-9.5	-0.2	499.5	376.2	99.9	99.9	88.3	34.
75.6	164.3	25129.4	28.0	-50.4	-59.9	185.6	3.1	0.3	3.1	639.9	376.2	99.9	99.9	84.2	33.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 201
 DEL RIO, TEX

 27 APRIL 1975
 1415 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00.0	0.3	314.0	971.7	23.3	20.2	120.0	6.7	-5.8	3.3	301.0	342.3	13.6	83.0	0.0	0.
00.9	00.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	00.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	10.3	511.1	550.0	20.9	19.5	137.5	11.7	-7.9	6.6	300.5	340.8	15.2	91.2	0.4	311.
1.5	12.5	742.5	925.0	19.9	19.3	153.0	14.5	-6.6	12.9	301.7	342.8	15.5	98.6	1.1	320.
2.5	15.0	979.4	900.0	19.1	18.6	171.2	14.1	-2.2	13.9	303.3	343.9	15.2	94.5	1.9	329.
3.4	17.2	1222.6	875.0	18.4	17.8	181.8	12.4	0.4	12.4	304.9	345.0	15.9	90.4	2.5	337.
4.3	19.7	1471.5	850.0	16.5	13.4	185.0	10.3	1.2	14.2	305.0	350.4	11.5	82.1	3.2	343.
5.1	22.0	1726.2	825.0	19.4	6.4	197.6	13.3	3.9	12.4	310.0	351.0	7.3	42.7	3.8	347.
6.0	24.7	1990.2	800.0	18.0	-2.3	230.9	9.4	7.3	5.9	310.8	321.0	4.1	29.4	4.2	353.
6.8	27.1	2260.5	775.0	17.0	-39.5	231.5	8.8	8.4	2.8	312.1	312.6	0.2	1.0	4.4	359.
7.9	29.8	2538.2	750.0	15.0	-38.7	231.0	6.6	7.5	4.2	312.9	313.5	0.2	1.2	4.5	3.
8.8	32.4	2824.2	725.0	14.5	-34.5	223.2	11.4	7.8	6.3	315.4	316.1	0.2	1.3	4.9	9.
9.9	35.2	3119.2	700.0	12.7	-37.9	218.3	15.3	9.5	12.0	316.6	317.3	0.2	1.6	5.7	14.
11.0	37.8	3422.7	675.0	10.8	-11.3	210.8	18.3	9.3	15.7	318.0	325.6	2.4	20.2	6.8	17.
12.2	40.8	3735.9	650.0	8.7	-21.1	211.2	20.0	10.4	17.1	318.9	322.5	1.1	10.1	8.1	19.
13.3	43.3	4058.0	625.0	5.6	-23.1	211.1	19.9	10.3	17.0	319.0	322.2	0.9	10.4	9.5	21.
14.4	46.3	4390.1	600.0	3.0	-24.9	213.2	19.7	10.8	16.5	319.7	322.5	0.8	10.7	12.1	24.
15.6	49.5	4732.5	575.0	-0.2	-22.1	212.1	19.5	10.4	16.5	319.8	322.5	1.1	17.4	12.1	24.
16.4	52.4	5065.7	550.0	-3.9	-18.5	206.6	21.3	9.4	17.9	319.6	324.8	1.6	31.3	13.6	24.
18.1	55.5	5450.8	525.0	-7.3	-14.8	206.1	20.0	9.0	19.2	319.9	327.2	2.3	54.7	15.2	24.
19.4	58.7	5829.1	500.0	-10.4	-13.8	211.2	23.4	12.1	20.1	320.6	328.9	2.6	76.2	16.8	25.
20.6	62.0	6222.1	475.0	-13.5	-17.3	219.4	23.6	15.0	18.3	321.4	329.1	2.1	73.2	18.6	26.
21.8	65.4	6631.3	450.0	-16.8	-25.8	225.8	25.4	18.2	17.7	322.2	328.8	1.1	48.6	20.2	27.
22.9	68.9	7058.0	425.0	-19.4	-52.5	231.0	25.6	19.9	16.1	324.0	324.3	0.1	3.4	21.9	29.
24.1	72.3	7506.0	400.0	-22.5	-53.7	229.2	28.3	19.1	16.5	325.6	325.9	0.1	3.9	23.6	31.
25.9	76.2	7976.8	375.0	-25.8	-48.9	221.9	29.9	19.9	22.2	327.3	327.8	0.1	9.8	26.4	32.
27.9	80.3	8473.5	350.0	-29.1	-51.1	214.1	30.7	17.2	25.4	329.4	329.8	0.1	17.5	30.0	33.
30.0	84.3	8956.4	325.0	-31.7	-48.3	213.5	29.1	16.1	24.3	332.9	333.5	0.1	23.1	32.5	33.
32.0	88.4	9560.4	300.0	-36.5	-50.0	213.7	30.6	17.0	25.5	333.8	334.3	0.1	99.9	37.3	33.
33.9	93.0	10155.9	275.0	-41.9	99.9	215.3	30.4	17.5	24.8	334.5	999.9	99.9	99.9	40.7	33.
35.9	97.8	10794.6	250.0	-46.6	99.9	228.0	34.0	25.3	22.8	336.7	999.9	99.9	99.9	44.6	34.
38.0	102.8	11485.7	225.0	-51.9	99.9	222.8	36.4	24.7	20.7	339.0	999.9	99.9	99.9	48.0	35.
40.5	108.5	12240.1	200.0	-57.4	99.9	226.9	39.4	28.6	26.9	341.9	999.9	99.9	99.9	51.5	36.
43.0	114.3	13070.4	175.0	-64.1	99.9	224.1	44.0	39.6	19.2	344.1	999.9	99.9	99.9	60.7	38.
45.9	120.5	14003.1	150.0	-70.2	99.9	227.5	46.4	42.9	17.7	349.2	999.9	99.9	99.9	68.1	41.
49.7	127.7	15049.0	125.0	-69.5	99.9	235.8	29.8	24.7	16.8	358.2	999.9	99.9	99.9	75.3	43.
53.8	135.7	16412.9	100.0	-71.0	99.9	240.8	19.3	16.9	9.4	360.8	999.9	99.9	99.9	81.4	44.
58.9	143.7	18113.2	75.0	-67.1	99.9	216.1	9.7	5.7	7.8	432.3	999.9	99.9	99.9	95.3	44.
66.7	153.0	20595.2	50.0	-58.8	99.9	48.1	8.8	-4.3	-3.9	505.0	999.9	99.9	99.9	97.3	45.
78.0	163.0	24984.3	25.0	-50.1	99.9	1.1.6	8.7	-2.3	1.4	640.8	999.9	99.9	99.9	98.9	45.

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEX27 APRIL 1975
1428 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR RTO GM/KG	RM PCY	RANGE KM	AZ DEG
0.0	12.5	873.0	907.6	23.9	17.4	195.0	12.4	3.2	12.0	307.3	345.4	14.0	67.0	0.0	0
0.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
0.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
0.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
0.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
0.3	13.2	946.6	900.0	22.3	17.5	201.5	15.5	5.7	14.4	306.5	345.0	14.2	74.1	0.4	17
1.0	15.4	1191.7	875.0	20.1	16.5	208.9	17.0	7.2	13.4	306.6	347.8	13.7	79.5	0.9	20
1.9	17.6	1442.7	850.0	21.2	7.7	217.2	19.2	11.6	15.3	309.4	351.9	7.9	42.6	1.8	25
2.7	20.0	1701.0	825.0	20.9	1.7	220.2	20.2	13.0	15.4	311.4	326.8	5.3	27.9	8.8	30
3.6	22.2	1905.6	800.0	18.4	-1.7	221.4	20.8	13.8	15.6	311.3	323.8	4.2	26.4	3.9	37
4.6	24.6	2236.6	775.0	16.3	-5.5	224.3	18.4	12.8	13.2	311.8	321.7	3.3	21.8	5.0	39
5.6	26.9	2514.2	750.0	14.4	-10.2	225.9	16.5	11.2	12.1	312.5	319.8	2.3	17.1	6.0	37
6.5	29.4	2799.1	725.0	12.2	-11.4	228.4	12.2	8.5	6.7	313.1	319.9	2.2	18.0	6.8	38
7.4	32.0	3091.2	700.0	9.4	-12.4	228.1	14.0	9.7	10.0	313.2	319.7	2.1	19.9	7.5	38
8.4	34.7	3391.3	675.0	6.6	-13.8	228.4	14.3	9.4	10.3	313.3	319.4	1.9	21.5	6.3	39
9.3	37.2	3699.4	650.0	3.8	-15.2	228.4	16.0	11.0	11.7	313.5	319.1	1.8	23.3	9.1	39
10.3	40.0	4016.2	625.0	1.2	-15.7	228.6	19.6	13.5	14.1	314.0	319.7	1.8	24.9	10.2	40
11.4	42.7	4343.7	600.0	-0.9	-13.0	229.7	21.3	13.9	16.1	315.4	322.7	2.4	39.5	11.5	40
12.6	45.6	4611.6	575.0	-4.1	-11.5	219.8	21.6	13.8	16.6	316.5	325.0	2.6	56.4	13.1	40
13.9	48.6	5030.7	550.0	-6.8	-13.9	218.9	23.6	13.5	19.4	316.2	323.7	2.4	57.1	14.9	40
15.2	51.4	5392.4	525.0	-9.2	-17.7	211.0	29.5	15.2	25.3	317.6	323.4	1.6	49.7	16.9	39
16.7	54.6	5768.3	500.0	-11.6	-19.1	205.4	34.7	16.0	30.8	319.1	324.5	1.7	53.7	19.8	38
18.1	57.6	6159.5	475.0	-14.5	-21.6	205.4	34.9	16.0	31.5	320.1	325.7	1.4	54.6	22.8	36
19.3	61.0	6567.7	450.0	-16.6	-23.5	209.9	32.2	15.0	27.9	322.4	326.6	1.3	55.2	25.1	35
20.6	64.4	6995.1	425.0	-19.9	-26.4	211.0	31.0	16.0	26.6	323.5	327.0	1.0	55.9	27.6	35
22.0	67.9	7431.8	400.0	-21.5	-28.9	209.9	35.3	17.6	30.6	324.5	327.4	0.9	60.6	30.3	34
23.5	71.4	7911.0	375.0	-24.7	-33.3	208.3	36.7	16.9	31.4	325.3	328.4	0.6	63.0	33.5	34
25.2	75.3	8405.8	350.0	-26.7	-37.1	211.8	38.4	20.2	32.7	327.7	329.3	0.4	61.6	37.3	33
26.8	79.5	8927.8	325.0	-30.4	-42.9	210.6	43.6	22.2	37.5	328.5	329.5	0.3	43.6	41.5	33
28.7	83.5	9480.5	300.0	-40.0	99.9	209.0	45.38	22.0	39.7	329.1	999.9	92.0	999.9	46.1	33
30.5	87.8	10168.7	275.0	-44.5	99.9	213.6	47.48	22.2	39.5	330.9	999.9	99.9	999.9	51.4	33
32.5	92.6	10701.6	250.0	-49.9	99.9	222.6	40.2	27.2	29.6	333.3	999.9	99.9	999.9	56.4	33
34.7	97.4	11386.7	225.0	-53.1	99.9	227.1	47.2	34.6	32.1	337.2	999.9	99.9	999.9	61.8	34
37.3	102.8	12136.0	200.0	-59.0	99.9	226.7	51.38	37.4	35.2	339.3	999.9	99.9	999.9	69.9	36
40.1	108.8	12986.7	175.0	-61.5	99.9	231.5	56.58	28.6	22.7	343.4	999.9	99.9	999.9	77.6	37
43.1	115.0	13928.6	150.0	-61.5	99.9	227.9	28.68	19.0	17.1	346.1	999.9	99.9	999.9	84.2	38
47.0	122.3	15048.9	125.0	-65.2	99.9	213.9	23.48	13.0	19.4	377.0	999.9	99.9	999.9	90.4	38
51.9	130.7	16394.0	100.0	-68.4	99.9	222.4	29.58	19.9	21.8	395.5	999.9	99.9	999.9	98.4	38
57.8	139.7	18150.9	75.0	-68.1	99.9	235.9	4.48	3.7	2.5	430.3	999.9	99.9	999.9	104.7	38
64.5	150.5	20633.7	50.0	-60.9	99.9	999.9	99.9	99.9	99.9	500.1	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEX27 APRIL 1978
1500 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/RS	RH PCT	RANGE KM	AZ DEG
0.0	18.1	1193.0	879.5	11.2	-7.6	290.0	9.2	9.4	-3.1	295.3	302.4	2.5	26.0	0.0	0.
06.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	57.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	9.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.2	18.6	1235.7	875.0	10.3	-10.1	290.0	14.8	13.9	-5.0	294.8	300.7	2.1	22.7	0.1	06.
1.1	21.0	1475.1	850.0	7.3	-12.0	291.4	17.7	16.4	-6.4	294.0	299.3	1.8	23.8	1.0	114.
1.9	23.8	1719.8	825.0	5.1	-12.2	288.5	4.3	13.5	-4.5	294.2	299.5	1.6	27.1	2.0	114.
2.8	26.3	1570.3	800.0	4.0	-8.6	264.4	10.6	16.6	1.6	295.8	303.0	2.5	39.2	2.5	109.
3.7	29.2	2228.4	775.0	3.7	-4.6	245.2	20.6	18.7	8.7	298.2	308.2	3.5	54.6	3.3	99.
4.4	32.0	2494.7	750.0	3.3	-7.6	237.2	21.5	18.0	11.6	300.6	309.4	3.1	47.2	4.1	91.
5.3	35.0	2768.5	725.0	1.1	-7.6	228.0	19.5	14.5	13.0	301.1	309.7	3.0	32.2	5.0	83.
6.1	37.7	3044.7	700.0	-1.3	-11.2	214.8	23.3	17.0	13.4	301.3	308.1	2.3	47.0	5.9	77.
7.0	40.6	3338.2	675.0	-4.3	-15.1	238.3	25.8	22.0	13.6	301.0	306.3	1.8	42.7	7.2	74.
8.0	43.5	3634.7	650.0	-5.6	-28.4	240.3	26.1	22.7	12.9	302.6	304.4	0.5	14.0	8.4	71.
9.1	46.9	3931.0	625.0	-7.3	-28.4	243.0	26.9	23.9	12.2	304.1	306.0	0.6	14.6	10.5	69.
10.3	49.9	4258.4	600.0	-9.1	-29.0	244.5	32.5	29.4	13.9	306.7	308.6	0.4	16.7	12.4	64.
11.5	52.9	4597.8	575.0	-9.5	-30.1	242.9	35.5	31.6	16.1	308.9	310.7	0.5	16.8	15.0	68.
12.7	56.0	4930.8	550.0	-10.2	-35.4	241.8	35.7	31.5	16.9	312.0	313.1	0.3	10.5	17.5	67.
13.9	59.4	5.37.4	525.0	-13.0	-37.4	243.4	36.7	32.8	16.4	312.8	313.8	0.3	10.8	20.2	66.
15.0	62.9	5637.5	500.0	-15.2	-39.0	242.6	34.0	30.2	17.0	314.9	315.4	0.3	11.0	22.6	66.
16.1	66.2	6042.6	475.0	-18.6	-41.9	239.1	34.5	29.6	17.7	314.9	315.6	0.2	10.7	24.7	66.
17.3	69.9	6442.6	450.0	-22.3	-44.6	234.4	45.7	37.3	26.3	315.1	315.7	0.2	11.0	27.4	65.
18.5	73.4	6860.9	425.0	-24.4	-45.2	228.9	45.8	34.5	30.1	317.7	318.3	0.2	12.4	30.8	63.
19.9	77.3	7299.7	400.0	-27.2	-47.3	223.6	47.3	32.6	34.2	319.6	320.1	0.1	12.6	33.4	61.
21.4	81.2	7762.9	375.0	-29.2	-48.8	221.1	51.5	33.9	38.9	322.9	323.3	0.1	12.8	38.8	59.
23.0	85.3	8252.8	350.0	-32.5	-51.4	219.2	50.2	31.7	38.9	324.8	325.2	0.1	13.1	43.4	57.
24.8	89.5	8770.9	325.0	-36.2	-54.2	222.6	51.0	34.6	37.6	326.7	327.0	0.1	13.8	48.9	55.
26.6	94.0	9321.5	300.0	-40.0	-59.9	219.9	54.8	35.1	42.0	329.0	329.9	99.9	99.9	54.1	54.
28.6	98.6	9910.3	275.0	-44.4	-64.4	215.0	53.1	32.4	42.0	331.0	331.0	99.9	99.9	60.4	52.
30.4	103.4	10542.7	250.0	-48.8	-69.9	20.3	52.4	33.9	40.0	333.5	333.5	99.9	99.9	66.1	51.
32.6	108.8	11227.1	225.0	-53.4	-74.9	221.9	63.8	42.6	47.5	336.7	336.7	99.9	99.9	73.1	50.
35.0	114.3	11974.6	200.0	-59.1	-79.9	226.5	51.2	37.2	35.3	339.2	339.2	99.9	99.9	81.0	49.
37.4	120.0	12811.7	175.0	-58.9	-79.9	225.8	40.0	28.7	27.9	352.7	352.7	99.9	99.9	88.1	49.
40.4	126.5	13783.8	150.0	-50.1	-79.9	236.0	43.9	36.4	24.5	373.5	373.5	99.9	99.9	95.4	49.
44.2	134.0	14950.2	125.0	-54.8	-79.9	228.2	30.8	22.6	20.3	395.8	395.8	99.9	99.9	104.8	49.
48.0	141.0	16358.9	100.0	-62.7	-79.9	151.6	4.9	-2.1	3.9	404.5	404.5	99.9	99.9	107.9	49.
52.9	149.0	18093.9	75.0	-67.8	-79.9	268.6	6.9	6.9	0.4	430.9	430.9	99.9	99.9	110.8	49.
58.7	158.5	20611.0	50.0	-60.6	-79.9	261.2	2.8	2.7	0.4	500.7	500.7	99.9	99.9	112.7	49.
71.5	168.7	25038.7	25.0	-51.1	-79.9	99.9	99.9	99.9	99.9	638.1	638.1	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENN

27 APRIL 1975
1438 GMT

TIME MIN	CNTCT	HEIGHT GCM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KS	RH PCT	RANGE KM	AZ DG
0.0	5.0	180.0	999.3	10.4	11.9	90.0	2.6	-2.6	0.0	292.4	316.0	8.8	66.0	0.0	0.
98.9	98.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	7.1	390.8	978.0	17.7	12.2	99.9	99.9	99.9	99.9	294.2	318.4	9.2	70.2	99.9	99.9
1.4	9.6	618.2	950.0	22.1	11.9	99.9	99.9	99.9	99.9	300.9	326.0	9.3	82.3	99.9	99.9
2.1	11.9	847.6	923.0	20.5	10.9	230.5	5.5	4.2	3.5	301.5	325.7	8.9	84.1	9.6	29.
2.8	14.4	1082.8	900.0	18.2	12.4	231.6	5.2	4.1	3.2	301.7	329.0	10.1	88.6	0.8	36.
3.7	16.9	1324.9	875.0	16.2	12.7	239.0	4.1	3.5	2.1	302.1	330.9	10.4	79.6	1.1	40.
4.5	19.4	1571.3	850.0	14.4	10.1	253.0	3.4	3.3	1.0	302.5	327.7	9.2	75.4	1.2	44.
5.3	22.0	1823.4	825.0	13.2	8.6	262.1	3.8	3.8	0.8	303.7	327.3	8.6	73.4	1.4	47.
6.1	24.7	2082.2	800.0	11.8	6.5	268.2	3.7	3.7	0.1	304.8	326.0	7.6	69.9	1.0	52.
6.9	27.2	2347.4	775.0	9.9	4.4	259.9	4.3	4.2	0.1	305.3	324.4	6.8	68.6	1.7	54.
7.7	30.0	2619.4	750.0	8.0	2.5	262.0	5.1	5.0	0.7	306.1	323.5	6.1	68.2	1.9	58.
8.6	32.9	2898.8	725.0	6.3	-1.5	263.9	5.3	5.3	0.6	307.0	320.7	4.7	67.2	2.2	61.
9.5	35.7	3183.9	700.0	4.4	-2.6	277.7	5.4	5.4	-0.7	307.9	321.1	4.5	60.3	2.4	64.
10.4	38.6	3482.7	675.0	5.8	-14.5	276.3	5.7	5.6	-0.6	312.4	318.1	1.8	21.4	2.7	69.
11.5	41.5	3790.5	650.0	3.7	-11.9	277.0	6.1	6.1	-0.7	313.4	320.7	2.4	30.9	3.0	71.
12.5	44.6	4107.4	625.0	1.0	-12.9	287.3	6.5	6.1	-2.5	313.9	320.9	2.3	34.6	3.4	75.
13.6	47.8	4436.0	600.0	-1.8	-10.8	293.4	9.9	9.0	-3.9	314.4	323.0	2.8	50.0	3.9	80.
14.6	50.8	4771.1	575.0	-4.5	-13.2	298.0	9.1	8.0	-4.3	314.9	322.4	2.4	50.7	4.4	85.
15.6	54.1	5119.5	550.0	-7.1	-14.0	311.6	10.1	7.6	-6.7	315.9	323.3	2.4	57.8	4.9	89.
17.0	57.4	5481.3	525.0	-9.1	-13.4	319.6	15.1	9.8	-11.5	317.7	325.9	2.6	71.2	5.6	96.
18.2	60.9	5857.3	500.0	-11.6	-16.3	324.6	18.1	10.5	-14.7	319.2	326.0	2.1	68.0	6.4	104.
19.5	64.6	6249.0	475.0	-13.9	-20.1	328.0	19.8	10.5	-16.8	320.9	326.1	1.6	59.3	7.7	112.
20.9	68.1	6657.8	450.0	-16.7	-23.4	323.4	17.4	10.3	-13.9	323.3	326.6	1.3	56.3	9.0	118.
22.3	71.7	7084.9	425.0	-19.8	-26.3	318.6	15.8	10.4	-11.8	323.6	327.2	1.0	56.3	10.2	121.
23.6	75.8	7532.0	400.0	-23.1	-30.6	309.1	15.8	12.2	-9.0	324.9	327.5	0.7	51.2	11.5	122.
25.2	79.8	8001.7	375.0	-26.3	-34.5	300.1	18.4	15.9	-9.2	326.8	328.7	0.5	45.2	13.0	122.
26.9	84.0	8496.8	350.0	-30.3	-39.6	304.7	22.8	18.8	-13.0	327.9	329.1	0.3	39.4	15.1	122.
28.7	88.2	9020.4	325.0	-33.7	-43.2	311.0	24.5	18.5	-16.0	330.2	331.1	0.3	37.3	17.6	123.
30.6	92.6	9577.3	300.0	-37.4	-49.1	314.8	22.0	15.6	-15.5	332.0	332.5	0.1	29.3	20.4	124.
32.8	97.8	10170.8	275.0	-43.0	99.9	322.8	19.3	11.7	-15.4	333.0	999.9	99.9	99.9	23.0	126.
34.9	102.6	10803.2	250.0	-48.6	99.9	324.4	21.7	12.7	-17.7	333.8	999.9	99.9	99.9	25.8	126.
37.3	108.0	11486.8	225.0	-54.4	99.9	323.5	26.3	15.6	-21.1	334.8	999.9	99.9	99.9	28.9	130.
40.0	113.8	12212.1	200.0	-60.7	99.9	313.2	30.1	22.0	-20.4	334.7	999.9	99.9	99.9	33.1	131.
42.7	119.8	13051.6	175.0	-66.6	99.9	306.0	35.9	29.0	-21.1	339.6	999.9	99.9	99.9	38.9	131.
45.6	126.3	13969.8	150.0	-73.0	99.9	313.2	23.7	17.3	-16.2	344.4	999.9	99.9	99.9	44.0	131.
48.5	133.3	15051.9	125.0	-67.7	99.9	306.5	25.4	20.4	-15.1	372.4	999.9	99.9	99.9	49.4	130.
54.1	140.0	16397.6	100.0	-64.5	99.9	317.7	26.8	18.1	-19.9	399.3	999.9	99.9	99.9	57.1	130.
60.1	147.0	18148.3	75.0	-62.8	99.9	352.0	10.7	1.5	-10.6	441.4	999.9	99.9	99.9	63.4	132.
64.6	154.7	20652.8	50.0	-59.9	99.9	99.9	5.6	-4.5	-3.2	502.6	999.9	99.9	99.9	64.6	134.
68.3	162.5	23110.4	25.0	-50.5	99.9	99.9	99.9	99.9	99.9	640.4	999.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
 LITTLE ROCK, ARK

 27 APRIL 1975
 1430 GMT

TIME MIN	CNCT	HEIGHT GMM	PRES MD	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX WTS GM/KG	RH PCT	RANGE A KM	102	10.0	0
0.0	5.4	79.0	1007.5	22.2	19.4	170.0	4.1	-0.7	4.0	296.4	333.7	14.2	84.0	0.0			
0.2	5.9	144.2	1000.0	22.0	19.3	190.3	7.9	1.4	7.8	297.1	334.4	14.3	84.7	0.0			
0.7	6.1	364.1	975.0	20.2	18.6	191.0	9.6	1.6	9.4	297.4	333.9	14.0	90.2	0.3	10		
1.5	10.3	599.2	950.0	21.0	13.7	187.9	13.1	1.8	13.0	300.0	328.1	10.5	63.6	0.8	10		
2.2	12.4	820.7	925.0	21.9	6.7	187.7	14.7	2.0	14.6	302.7	323.9	7.7	42.8	1.4	9		
3.0	14.6	1058.1	900.0	20.6	7.1	186.1	14.8	1.6	14.7	303.7	323.4	7.1	41.6	2.1	9		
3.7	16.7	1300.7	875.0	18.7	6.9	184.1	15.0	1.1	15.0	304.2	324.2	7.2	48.1	2.8	7		
4.6	19.1	1549.6	850.0	17.5	4.6	187.4	14.3	1.8	13.8	305.3	323.0	6.3	42.4	3.6	7		
5.5	21.3	1803.7	825.0	16.2	4.4	189.0	12.6	2.0	12.5	306.6	324.7	6.4	45.4	4.2	7		
6.4	23.7	2094.8	800.0	14.1	3.4	186.6	13.1	1.5	13.0	307.0	324.4	6.1	48.3	5.0	7		
7.3	26.0	2331.3	775.0	11.8	3.9	188.3	13.5	1.9	13.3	307.4	326.1	6.6	56.3	5.7	7		
8.2	28.6	2659.2	750.0	10.5	-22.6	191.8	13.2	2.7	12.9	308.3	316.8	2.9	28.4	6.5	7		
9.1	31.1	2487.8	725.0	11.8	-42.7	202.3	11.5	4.3	10.6	312.4	312.8	0.1	1.0	7.1	8		
10.1	33.6	3180.3	700.0	10.5	-43.5	214.6	11.1	6.3	9.1	314.1	314.6	0.1	1.0	7.7	10		
11.1	36.3	3491.4	675.0	8.6	-44.7	223.6	9.6	6.6	7.0	315.2	315.6	0.1	1.0	8.3	12		
12.1	39.1	3791.6	650.0	6.5	-43.9	228.0	9.7	7.2	6.5	316.3	316.8	0.1	1.6	8.7	14		
13.1	41.8	4111.6	625.0	4.0	-21.6	237.3	10.2	8.5	5.5	317.1	320.7	1.1	13.3	9.2	16		
14.1	44.6	4441.7	600.0	1.4	-15.2	242.6	11.1	9.9	5.1	317.9	324.2	2.0	27.0	9.7	18		
15.2	47.6	4782.6	575.0	-1.4	-14.6	238.4	11.7	10.0	6.1	318.6	325.4	2.1	38.8	10.2	22		
16.2	50.6	5135.0	550.0	-4.6	-16.5	231.0	12.1	9.4	7.6	318.8	324.9	1.9	38.9	10.9	24		
17.4	53.6	5499.8	525.0	-7.5	-18.8	230.2	10.9	8.4	7.0	319.9	331.5	1.6	90.2	11.6	26		
18.6	56.6	5876.0	500.0	-10.0	-13.0	221.7	9.3	6.2	6.9	321.1	330.0	2.8	78.8	12.3	27		
20.0	60.0	6271.5	475.0	-12.8	-20.4	220.7	10.4	6.9	7.9	322.2	327.4	1.6	51.0	13.1	28		
21.4	63.5	6681.6	450.0	-15.6	-26.7	235.6	10.2	8.4	5.8	323.7	326.3	0.8	30.0	13.9	29		
22.9	66.9	7110.8	425.0	-18.5	-24.4	248.4	11.6	10.8	4.3	325.3	329.5	1.2	60.2	14.8	31		
24.3	70.5	7500.1	400.0	-21.8	-26.1	254.3	15.1	14.5	4.1	326.7	330.5	1.1	67.7	15.5	34		
25.8	74.3	8031.9	375.0	-25.6	-28.0	263.8	15.7	16.6	1.8	327.7	331.2	1.0	79.8	16.7	37		
27.4	78.4	8528.5	350.0	-29.6	-32.2	266.7	17.5	17.5	1.0	328.9	331.4	0.7	77.6	17.7	41		
29.1	82.4	9053.8	325.0	-32.5	-34.8	269.3	20.0	20.0	0.2	331.1	332.0	0.1	8.8	19.1	45		
30.6	86.8	9612.4	300.0	-37.2	-43.3	273.9	18.6	18.6	-1.3	332.9	333.7	0.2	42.1	20.6	49		
32.8	91.4	10208.6	275.0	-41.5	99.9	275.6	16.2	16.1	-1.6	335.1	999.9	99.9	99.9	22.0	53		
34.9	96.3	10648.2	250.0	-46.2	99.9	273.6	13.5	13.5	-0.8	337.4	999.9	99.9	99.9	23.4	56		
36.9	101.4	11538.8	225.0	-52.4	99.9	268.0	17.7	17.6	0.6	338.1	999.9	99.9	99.9	24.8	59		
39.4	107.3	12289.1	200.0	-58.9	99.9	263.7	24.7	24.6	2.7	339.5	999.9	99.9	99.9	27.9	62		
42.0	113.3	13112.6	175.0	-65.6	99.9	260.5	28.1	27.7	4.6	341.6	999.9	99.9	99.9	32.0	64		
45.1	120.0	14034.6	150.0	-71.0	99.9	263.7	27.8	27.6	3.0	347.8	999.9	99.9	99.9	34.8	64		
48.7	127.3	15138.4	125.0	-65.5	99.9	274.9	20.3	20.4	-1.8	374.4	999.9	99.9	99.9	41.8	78		
52.1	135.7	16498.3	100.0	-67.1	99.9	280.3	12.9	12.7	-2.3	398.2	999.9	99.9	99.9	48.3	72		
56.3	143.7	18219.1	75.0	-68.9	99.9	291.6	8.1	7.5	-3.3	428.6	999.9	99.9	99.9	48.2	73		
62.2	152.7	20685.7	50.0	-60.2	99.9	56.9	3.0	-2.5	-1.6	501.6	999.9	99.9	99.9	48.0	78		
75.7	162.0	25077.1	25.0	-51.4	99.9	75.3	6.1	-5.9	-1.6	636.2	999.9	99.9	99.9	48.4	78		

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY OKC27 APRIL 1975
1415 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MD	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	R-NSE KM	AZ DG
0.0	8.8	392.0	563.4	21.7	18.9	160.0	10.3	-3.5	9.7	300.0	338.1	14.4	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	9.0	514.0	950.0	21.2	19.0	170.3	14.4	-2.4	14.2	300.7	339.7	14.7	87.3	0.5	350.
1.6	11.9	744.9	925.0	19.0	17.7	174.6	19.3	-1.8	19.2	300.6	337.7	14.0	92.2	1.5	351.
2.4	14.1	980.6	900.0	17.0	16.1	179.2	21.5	-0.3	21.5	300.8	335.3	12.9	94.4	2.6	353.
3.4	16.2	1221.3	875.0	15.8	14.8	166.5	24.2	2.7	24.0	301.8	334.7	12.3	98.2	3.9	356.
4.2	18.5	1467.9	850.0	14.5	13.6	198.9	25.1	8.1	23.7	302.9	334.4	11.6	94.0	5.1	0.
5.2	20.6	1720.5	825.0	13.6	12.5	208.3	26.3	12.3	22.9	304.5	334.8	11.1	92.9	6.5	6.
6.2	23.1	1980.3	800.0	12.5	10.5	204.7	33.0	13.8	30.0	305.8	333.6	10.1	87.7	8.2	11.
7.3	25.5	2247.9	775.0	12.3	11.0	207.4	29.3	13.5	26.0	308.5	328.3	10.7	91.5	10.3	14.
8.4	27.9	2522.9	750.0	11.0	10.0	210.9	24.2	12.4	20.8	309.9	329.0	10.4	93.6	11.8	16.
9.6	30.5	2806.8	725.0	12.2	-7.6	212.1	25.8	13.8	21.9	313.5	326.8	4.6	36.9	13.6	18.
10.7	33.2	3099.7	700.0	10.6	-9.5	205.6	23.3	10.1	21.0	314.5	322.7	2.7	23.3	15.3	19.
11.9	35.7	3401.5	675.0	8.5	-12.2	202.1	20.6	7.7	18.9	317.8	320.3	4.9	47.1	16.6	19.
13.0	38.4	3712.6	650.0	7.0	-17.9	201.9	23.6	8.8	21.9	317.1	321.7	1.4	14.9	18.2	20.
14.2	41.0	4033.1	625.0	4.9	-27.3	200.8	22.6	8.0	21.1	318.1	320.3	0.6	7.5	19.9	20.
15.5	43.9	4364.1	600.0	2.1	-28.1	203.8	25.2	10.1	23.0	318.6	320.8	0.6	8.6	21.6	20.
16.7	46.8	4735.7	575.0	-0.8	-29.1	206.5	23.3	10.3	20.6	319.1	321.2	0.6	9.5	23.4	20.
18.0	49.9	5058.2	550.0	-4.1	-29.0	205.9	24.0	10.5	21.6	319.3	321.4	0.6	12.2	25.1	21.
19.5	52.8	5423.5	525.0	-6.5	-30.7	206.0	22.7	9.9	20.4	320.6	322.6	0.6	12.5	27.3	21.
21.0	55.8	5801.7	500.0	-10.4	-27.2	196.9	27.8	9.0	26.3	320.4	323.1	0.8	24.0	29.6	21.
22.6	59.1	6193.8	475.0	-14.0	-27.5	201.9	26.8	9.8	24.5	320.7	323.5	0.8	30.7	32.1	21.
24.3	62.7	6601.4	450.0	-17.5	-36.9	198.3	29.0	9.1	27.5	321.3	322.6	0.4	16.7	35.0	21.
25.0	65.0	7027.3	425.0	-19.8	-50.2	199.5	29.3	9.8	27.6	323.5	323.9	0.1	4.7	37.6	21.
27.4	69.6	7474.1	400.0	-23.1	-43.5	208.2	28.6	13.5	25.2	325.0	325.7	0.2	13.9	40.6	21.
29.3	73.6	7943.8	375.0	-26.8	-45.9	217.6	28.2	17.2	22.4	326.1	326.7	0.2	14.3	43.3	22.
31.3	77.7	8437.9	350.0	-30.7	-47.5	219.1	33.7	21.3	26.1	327.2	327.8	0.1	17.4	47.0	23.
33.1	81.7	8960.2	325.0	-34.4	-41.6	222.9	37.4	25.5	27.4	329.2	330.3	0.3	47.9	50.4	25.
34.9	86.0	9514.3	300.0	-33.2	-45.0	222.7	33.0	23.0	24.9	330.0	330.9	0.2	53.9	54.4	26.
36.9	90.8	10106.1	275.0	-43.1	99.9	215.7	43.0	25.5	35.4	332.8	332.8	99.9	99.9	58.5	27.
38.9	95.7	10741.0	250.0	-48.6	99.9	220.4	39.8	25.5	30.0	333.8	333.8	99.9	99.9	63.7	29.
41.2	100.8	11424.0	225.0	-53.3	99.9	224.7	34.6	24.3	24.6	334.8	334.8	99.9	99.9	68.1	29.
44.1	106.5	12168.7	200.0	-59.5	99.9	225.3	39.8	28.1	27.8	338.5	338.5	99.9	99.9	74.7	30.
47.3	112.5	12991.7	175.0	-65.4	99.9	221.0	41.5	27.1	31.3	342.1	342.1	99.9	99.9	81.0	31.
50.7	119.3	13928.9	150.0	-64.0	99.9	230.1	27.5	18.1	15.1	356.8	356.8	99.9	99.9	88.1	32.
54.8	126.5	15053.2	125.0	-62.2	99.9	236.5	24.6	20.5	13.6	382.3	382.3	99.9	99.9	94.8	33.
59.4	134.7	16421.3	100.0	-66.5	99.9	236.6	19.2	16.0	10.6	399.4	399.4	99.9	99.9	103.0	35.
65.4	142.5	18154.5	75.0	-66.5	99.9	199.6	12.3	4.0	11.3	433.6	433.6	99.9	99.9	107.1	35.
73.8	151.0	20448.5	50.0	-60.0	99.9	84.3	7.9	-7.9	-0.5	502.2	502.2	99.9	99.9	102.9	33.
84.5	159.7	25070.4	25.0	-52.5	99.9	133.0	5.8	-4.1	3.8	634.1	634.1	99.9	99.9	101.0	32.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEX27 APRIL 1975
1415 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRLS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GN/KG	RM PCT	RANGE KM	AZ DG
0.0	14.3	1095.0	881.1	19.4	16.4	200.0	11.3	3.9	10.6	305.2	341.8	13.5	83.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	14.5	1155.0	875.0	18.8	16.3	201.0	11.2	4.0	10.5	305.1	341.6	13.5	85.5	0.3	13.
1.4	16.9	1408.1	850.0	17.0	15.3	201.3	14.6	5.3	13.6	305.7	341.2	13.0	89.8	1.1	19.
2.3	19.3	1658.6	825.0	14.4	12.5	206.4	17.5	7.8	15.7	305.3	335.1	11.2	88.9	2.0	21.
3.3	21.4	1918.6	800.0	14.5	2.8	222.8	18.0	12.3	13.2	307.4	328.2	5.9	45.3	3.0	25.
4.1	23.8	2188.9	775.0	13.3	-1.2	232.0	19.6	15.0	12.6	308.8	327.0	4.5	36.5	3.0	31.
5.1	26.0	2461.6	750.0	11.3	-4.1	232.0	17.4	13.7	10.7	309.3	320.4	3.8	33.8	5.0	35.
6.1	29.6	2743.5	725.0	8.8	-5.9	225.2	17.4	12.6	12.5	309.6	319.7	3.4	34.8	6.0	38.
7.2	31.2	3032.7	700.0	6.6	-7.8	217.5	22.6	15.8	17.9	310.2	319.3	3.0	36.7	7.3	38.
8.3	33.9	3330.2	675.0	4.9	-10.2	210.4	23.3	11.8	20.1	311.5	319.4	2.6	32.4	8.8	38.
9.4	36.3	3630.9	650.0	3.3	-10.3	207.4	25.5	11.7	22.6	313.1	321.3	2.7	36.0	10.4	36.
10.4	39.1	3954.0	625.0	1.4	-13.5	208.3	26.9	12.7	23.7	314.3	321.0	2.1	31.9	12.1	35.
11.6	41.8	4280.8	600.0	-1.7	-15.0	208.0	27.7	13.1	24.9	315.3	320.6	2.0	35.4	13.9	34.
12.6	44.7	4617.8	575.0	-4.4	-17.0	202.4	30.8	11.7	26.4	315.0	320.6	1.7	36.5	15.6	33.
13.6	47.8	4966.3	550.0	-7.1	-20.0	198.8	30.3	9.7	29.6	315.8	320.4	1.4	34.6	17.5	31.
14.7	50.7	5326.9	525.0	-10.5	-24.9	200.1	31.5	10.8	29.6	315.9	320.3	1.4	42.0	19.4	30.
15.9	53.8	5699.9	500.0	-14.2	-19.9	208.4	34.9	14.4	11.8	315.9	320.9	1.6	61.5	22.0	29.
17.3	56.9	6077.1	475.0	-17.1	-24.9	205.1	38.6	16.3	34.9	316.9	320.4	1.1	50.3	25.0	29.
18.8	60.3	6490.9	450.0	-19.4	-34.8	206.2	40.0	13.8	37.5	318.8	320.4	0.4	23.9	28.4	28.
20.3	63.9	6913.5	425.0	-22.1	-31.5	200.8	41.18	14.6	38.4	320.7	320.0	0.7	43.0	31.9	27.
21.9	67.3	7350.5	400.0	-25.9	-27.3	202.6	36.6	14.0	33.8	321.4	324.9	1.0	88.1	35.7	27.
23.4	71.0	7821.0	375.0	-28.3	-30.6	205.3	47.3	20.2	42.8	324.1	325.2	0.3	32.4	39.7	26.
24.9	75.0	8312.4	350.0	-32.1	-34.4	205.0	34.78	16.5	35.3	325.4	324.8	0.4	53.1	43.1	24.
26.6	79.0	8830.8	325.0	-36.6	-42.2	205.8	60.38	20.2	54.3	326.2	327.3	0.3	55.3	48.2	26.
28.3	83.2	9379.8	300.0	-41.7	99.9	200.6	37.18	16.6	33.1	326.5	99.9	99.9	99.9	53.8	26.
30.1	87.5	9963.7	275.0	-45.2	99.9	207.9	45.08	21.1	39.4	327.7	99.9	99.9	99.9	57.4	26.
32.1	92.3	10595.2	250.0	-49.8	99.9	206.9	57.48	25.5	50.3	332.0	99.9	99.9	99.9	64.5	26.
34.5	97.3	11276.7	225.0	-54.2	99.9	212.8	26.78	14.5	22.5	335.5	99.9	99.9	99.9	70.5	26.
37.2	102.8	12026.6	200.0	-58.2	99.9	211.4	32.38	16.8	27.6	340.6	99.9	99.9	99.9	75.4	27.
39.9	109.0	12864.1	175.0	-62.0	99.9	214.8	34.48	19.6	28.2	352.6	99.9	99.9	99.9	80.1	27.
42.8	115.3	13826.4	150.0	-60.4	99.9	212.0	49.68	24.3	42.0	348.0	99.9	99.9	99.9	84.3	28.
46.3	123.0	14964.5	125.0	-59.3	99.9	211.8	18.18	13.9	8.6	387.6	99.9	99.9	99.9	89.9	29.
50.3	131.5	16345.5	100.0	-65.8	99.9	211.4	34.78	18.1	29.6	400.7	99.9	99.9	99.9	95.8	29.
55.3	140.7	18101.2	75.0	-63.9	99.9	51.8	13.78	-10.7	-6.4	415.0	99.9	99.9	99.9	98.6	29.
62.9	150.5	20622.8	50.0	-58.4	99.9	129.9	5.8	-4.4	3.7	506.0	99.9	99.9	99.9	99.4	28.
74.5	160.7	25066.1	25.0	-50.6	99.9	99.4	5.7	-5.6	0.4	619.6	99.9	99.9	99.9	96.7	28.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
ALBUQUERQUE, N MEX
27 APRIL 1975
1415 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MM	TEMP DEG C	DEW PT DEG C	DIP DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	20.5	1619.0	831.8	5.4	-6.8	260.0	12.9	12.7	2.2	244.0	301.8	2.8	41.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	21.1	1686.2	825.0	4.4	-8.0	250.0	10.7	15.7	5.7	241.5	300.8	2.5	40.0	0.3	32.
1.3	23.4	1634.9	800.0	1.0	-10.4	240.0	21.5	7.7	7.7	292.5	290.7	2.2	42.3	1.4	79.
2.1	25.6	2189.2	775.0	-1.4	-10.3	250.7	17.7	17.1	4.4	292.6	299.0	2.3	50.7	2.2	77.
2.9	28.0	2440.3	750.0	-3.5	-13.3	240.3	20.0	18.8	6.7	293.0	294.2	1.8	44.5	3.1	76.
3.8	30.5	2716.8	725.0	-5.1	-15.6	243.5	16.9	15.2	7.5	294.0	297.4	1.1	30.7	4.1	74.
4.6	33.0	2991.2	700.0	-7.5	-17.4	241.7	18.6	16.4	8.8	294.4	298.5	1.4	44.5	5.0	72.
5.4	35.5	3273.1	675.0	-10.3	-17.1	228.9	17.0	12.9	11.2	294.6	298.6	1.5	57.1	5.8	70.
6.3	38.1	3562.6	650.0	-12.4	-18.0	220.4	18.1	11.9	14.0	295.1	299.3	1.4	62.9	6.7	68.
7.2	40.7	3861.2	625.0	-14.7	-24.1	219.4	18.0	11.4	13.9	295.7	298.4	0.9	44.2	7.6	62.
8.1	43.3	4168.9	600.0	-17.2	-27.2	228.9	17.4	12.3	12.3	296.3	298.4	0.7	41.2	8.4	60.
9.0	46.3	4466.4	575.0	-19.6	-34.0	230.9	19.8	15.3	12.5	297.0	298.2	0.4	26.3	9.4	59.
10.0	49.2	4815.4	550.0	-21.4	-41.2	231.5	24.4	16.1	15.2	298.7	299.3	0.2	14.7	10.7	58.
11.1	52.0	5156.6	525.0	-24.1	-45.3	228.7	31.2	22.0	18.4	299.4	299.9	0.1	11.9	12.4	57.
12.1	55.0	5513.5	500.0	-27.3	-46.5	228.7	31.2	22.0	22.2	299.8	300.2	0.1	14.0	14.2	56.
13.1	58.0	5878.5	475.0	-28.8	-47.7	221.1	43.2	28.4	32.6	302.2	302.6	0.1	14.1	16.7	54.
15.0	61.3	6266.2	450.0	-27.9	-40.0	217.6	58.3	34.4	46.0	304.1	309.0	0.3	30.3	22.0	50.
17.3	64.8	6676.5	425.0	-26.6	-47.1	207.8	56.5	28.3	50.0	314.8	315.3	0.1	12.8	29.5	46.
18.7	68.1	7114.6	400.0	-27.5	-55.4	205.3	57.3	24.5	51.6	319.1	319.3	0.0	5.0	34.2	43.
19.8	71.6	7575.1	375.0	-31.7	-57.9	206.8	58.4	26.7	53.0	319.4	319.7	0.0	5.5	37.9	41.
21.1	75.4	8058.9	350.0	-35.8	-60.4	210.2	61.7	31.1	53.3	320.4	320.5	0.0	5.9	42.9	40.
23.6	79.5	8576.6	325.0	-33.4	-56.9	202.5	62.1	23.7	57.3	337.6	337.7	0.0	5.7	51.5	38.
25.3	83.4	9134.7	300.0	-37.1	-61.2	199.4	58.6	19.5	55.2	331.0	331.1	0.0	6.1	54.6	36.
26.6	87.6	9729.7	275.0	-42.2	-66.9	202.4	60.8	23.2	58.2	334.1	999.9	99.9	999.9	61.8	35.
28.2	92.4	10366.9	250.0	-47.5	-69.9	202.4	60.1	22.9	55.5	334.5	999.9	99.9	999.9	64.7	34.
30.6	97.2	11057.1	225.0	-51.1	-69.9	197.0	44.6	12.9	42.1	340.3	999.9	99.9	999.9	75.3	32.
33.7	102.4	11821.3	200.0	-50.7	-69.9	205.4	70.3	30.1	63.5	352.6	999.9	99.9	999.9	85.4	31.
37.1	108.3	12732.6	175.0	-46.4	-69.9	218.1	43.5	27.4	33.7	373.3	999.9	99.9	999.9	93.9	31.
40.7	115.5	13717.8	150.0	-51.1	-69.9	219.6	11.4	7.3	8.8	382.0	999.9	99.9	999.9	97.3	31.
43.8	121.7	14895.7	125.0	-54.4	-69.9	239.6	3.2	2.9	-1.4	396.4	999.9	99.9	999.9	102.2	32.
47.9	129.7	16310.3	100.0	-60.4	-69.9	208.2	14.0	6.2	12.5	411.1	999.9	99.9	999.9	104.5	31.
53.2	138.0	18083.7	75.0	-61.8	-69.9	26.9	14.5	-0.5	-12.9	443.3	999.9	99.9	999.9	109.5	32.
61.4	147.0	20601.8	50.0	-57.8	-69.9	183.6	13.1	0.8	13.1	507.4	999.9	99.9	999.9	115.9	30.
74.2	157.0	25014.0	25.0	-51.6	-69.9	85.9	5.9	-5.9	-0.4	636.3	999.9	99.9	999.9	109.5	29.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 456
TOPEKA, KAN

27 APRIL 1975
1415 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MP	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX PTO GM/KG	RM PCT	RANGE A7 KM	A7 DG
0.0	6.5	268.0	978.1	23.3	20.1	160.0	7.7	-2.6	7.2	300.4	340.8	15.3	62.0	0.0	0.
95.9	99.9	1030.0	978.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	0.8	295.8	975.0	23.0	19.6	167.8	9.7	-2.0	9.4	300.4	339.8	14.9	81.1	0.2	358.
1.0	9.1	522.4	950.0	20.9	16.0	176.2	15.2	-0.2	15.2	100.3	337.0	13.9	83.5	0.8	355.
1.8	11.3	753.3	925.0	19.0	17.8	185.3	13.0	1.7	17.9	307.6	337.8	14.0	92.8	1.6	359.
2.6	13.7	998.9	900.0	17.4	16.5	191.1	21.8	4.2	21.4	307.2	336.5	13.2	94.3	2.6	2.
3.6	15.9	1225.8	875.0	16.0	15.0	201.9	22.2	8.3	20.6	302.1	335.4	12.4	93.9	3.8	7.
4.5	19.4	1476.5	850.0	15.4	13.6	207.9	17.5	9.1	17.3	303.8	335.5	11.7	89.1	4.9	11.
5.4	20.8	1730.1	825.0	14.9	11.2	208.1	19.1	9.0	16.9	303.6	332.5	10.2	83.7	5.9	14.
6.3	23.3	1989.3	800.0	11.9	8.9	205.1	19.6	8.3	17.7	303.0	330.0	9.0	82.1	7.0	16.
7.3	25.8	2255.2	775.0	11.7	1.6	191.5	18.7	3.7	18.3	307.2	323.2	5.6	50.5	8.1	17.
8.3	28.4	2529.0	750.0	10.3	-1.1	187.4	19.0	2.4	18.9	308.4	322.1	4.7	44.9	9.2	15.
9.3	31.2	2810.6	725.0	9.7	-9.8	192.1	19.8	4.1	19.3	310.4	318.0	2.5	24.1	10.3	15.
10.3	34.0	3101.2	700.0	8.8	-1.5	203.1	22.0	8.7	20.3	312.8	327.4	4.9	49.6	11.6	15.
11.4	36.6	3322.0	675.0	7.2	-0.3	206.4	25.2	11.2	22.6	316.4	330.8	5.6	58.8	13.2	16.
12.6	39.6	3711.7	650.0	5.0	-0.6	205.4	25.9	11.1	23.4	315.3	332.0	5.6	66.9	15.1	17.
12.9	42.4	4031.0	625.0	2.7	-0.3	207.0	21.9	10.0	19.5	316.3	336.1	6.0	80.9	17.0	18.
15.3	45.5	4360.4	600.0	-0.0	-2.6	209.3	21.3	10.4	18.5	316.7	332.5	5.3	82.8	18.5	19.
16.5	48.6	4700.2	575.0	-2.6	-7.7	216.7	21.3	12.7	17.1	318.4	328.9	3.7	67.9	20.2	20.
17.9	51.5	5051.3	550.0	-5.2	-14.1	219.8	23.7	15.2	18.2	318.1	325.5	2.3	49.7	21.9	22.
19.4	54.8	5414.9	525.0	-8.3	-21.1	215.2	22.7	13.1	18.5	318.6	323.0	1.4	34.9	23.9	23.
20.8	57.9	5792.4	500.0	-10.4	-26.8	222.2	23.3	15.6	17.2	320.4	323.2	0.8	24.5	25.9	24.
22.4	61.3	6144.6	475.0	-13.9	-27.6	223.3	25.2	19.3	20.5	320.9	323.8	0.9	31.6	28.0	26.
23.8	64.9	6503.5	450.0	-16.1	-39.8	220.5	26.1	17.0	19.9	323.0	323.9	0.3	10.8	30.6	27.
25.5	68.3	7020.7	425.0	-20.2	-41.1	221.9	26.9	14.0	15.6	323.1	324.0	0.2	13.3	32.5	28.
27.0	71.8	7467.3	400.0	-23.5	-33.3	214.2	20.2	16.0	22.9	324.5	326.5	0.6	39.6	34.9	29.
28.7	75.7	7936.2	375.0	-25.7	-31.6	220.9	24.3	19.9	18.3	325.3	328.8	0.7	62.9	37.6	30.
30.5	79.8	8430.5	350.0	-30.5	-34.7	229.1	26.8	20.2	17.5	327.6	329.6	0.6	66.4	40.5	31.
32.4	83.8	8933.7	325.0	-33.8	-36.7	235.5	25.1	20.7	14.2	330.0	331.3	0.4	55.3	43.1	32.
34.4	86.2	9409.0	300.0	-38.9	-99.9	236.4	24.5	20.4	13.5	330.5	999.9	99.9	99.9	45.8	34.
36.5	90.0	10099.4	275.0	-44.2	99.9	226.5	27.7	20.1	19.1	331.1	999.9	99.9	99.9	48.6	35.
38.8	97.8	10731.2	250.0	-49.2	99.9	227.1	21.1	15.3	14.4	332.0	999.9	99.9	99.9	51.9	36.
41.1	102.8	11411.3	225.0	-55.6	99.9	228.3	33.4	25.4	26.0	333.1	999.9	99.9	99.9	56.4	36.
43.5	108.5	12152.0	200.0	-60.4	99.9	230.8	21.1	18.2	10.4	337.1	999.9	99.9	99.9	63.0	37.
46.4	114.5	12971.6	175.0	-67.0	99.9	234.1	30.4	24.6	17.8	339.4	999.9	99.9	99.9	65.1	39.
49.6	121.3	13901.0	150.0	-64.0	99.9	235.5	27.2	22.4	15.4	350.4	999.9	99.9	99.9	70.0	40.
53.3	128.5	15023.2	125.0	-60.7	99.9	240.3	9.7	8.4	4.8	385.2	999.9	99.9	99.9	74.9	41.
57.9	136.7	16391.1	100.0	-51.6	99.9	243.4	14.7	13.1	6.6	400.9	999.9	99.9	99.9	77.7	42.
63.7	146.7	18148.5	75.0	-53.4	99.9	244.0	2.6	2.4	-1.1	400.9	999.9	99.9	99.9	77.1	42.
71.9	153.7	20674.7	50.0	-59.2	99.9	154.9	6.7	-2.6	6.0	504.1	999.9	99.9	99.9	77.1	42.
84.7	163.5	25094.0	25.0	-51.1	99.9	86.9	6.7	-6.7	-0.4	637.9	999.9	99.9	99.9	73.7	39.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER
27 APRIL 1975
1433 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.8	180.0	979.0	22.1	12.9	110.0	5.7	-5.4	1.9	296.6	321.7	9.4	56.0	0.0	C.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.7	7.8	390.5	575.0	19.6	12.5	146.4	7.8	-4.3	6.5	296.2	321.1	9.4	63.4	0.4	304.
1.6	9.8	614.4	550.0	19.6	12.2	171.1	8.9	-1.4	17.8	296.6	324.0	9.5	61.6	0.8	322.
2.5	11.8	844.6	525.0	19.6	13.4	190.7	7.4	0.1	7.4	307.7	329.1	10.6	67.7	1.2	336.
3.4	13.9	1080.2	900.0	17.6	12.6	188.4	5.2	0.8	5.2	301.1	328.8	10.3	72.2	1.5	341.
4.3	15.9	1320.9	875.0	16.1	11.5	207.3	4.7	2.1	4.2	301.8	328.5	9.8	74.3	1.7	346.
5.3	18.2	1567.2	850.0	14.3	9.4	217.8	5.8	3.6	4.6	302.3	326.4	8.8	72.6	1.9	353.
6.3	20.4	1819.7	825.0	12.8	8.4	217.9	5.7	3.5	4.5	303.3	326.5	8.5	74.6	2.2	0.
7.2	22.5	2077.4	800.0	10.8	7.0	221.5	4.4	2.9	3.3	303.7	325.7	7.9	77.5	2.4	4.
8.3	24.9	2341.5	775.0	8.7	4.2	224.9	2.0	1.5	1.3	304.0	322.8	6.7	73.4	2.6	7.
9.3	27.1	2612.9	750.0	7.6	3.9	260.7	1.0	0.2	0.2	305.7	324.9	6.8	77.5	2.6	8.
10.3	29.6	2892.0	725.0	5.9	2.9	301.2	1.9	1.6	-1.0	306.8	325.3	6.5	80.7	2.6	10.
11.5	32.2	3179.3	700.0	5.0	-3.0	324.9	4.8	2.8	-3.9	308.6	321.4	4.4	86.3	2.5	14.
12.6	34.8	3476.1	675.0	4.8	-11.0	335.3	6.8	2.8	-6.2	311.3	319.0	2.5	91.3	2.2	22.
13.7	37.2	3783.5	650.0	3.8	-13.8	344.5	7.0	1.9	-6.8	313.5	319.8	2.0	93.4	1.9	31.
14.8	40.0	4100.3	625.0	1.2	-15.4	342.0	8.2	2.5	-7.8	314.1	319.9	1.8	97.4	1.6	43.
15.0	42.6	4427.4	600.0	-1.3	-14.3	339.5	9.9	3.5	-9.3	314.8	321.4	2.1	96.7	1.8	67.
17.1	45.4	4764.9	575.0	-4.4	-15.8	334.6	11.1	4.8	-10.0	315.0	321.1	1.9	94.4	1.6	94.
18.4	48.4	5113.3	550.0	-7.2	-17.6	327.5	12.0	6.5	-10.1	315.7	321.2	1.7	93.4	2.2	114.
19.6	51.3	5475.1	525.0	-9.7	-19.6	338.0	13.5	5.1	-12.6	319.3	325.7	2.3	62.1	3.0	124.
20.9	54.4	5832.3	500.0	-10.4	-17.9	348.2	13.7	2.8	-13.4	320.5	326.5	1.9	58.1	3.9	135.
22.3	57.4	6244.8	475.0	-13.8	-20.0	348.3	12.1	2.4	-11.8	321.1	326.4	1.6	59.4	4.9	142.
23.7	60.8	6653.3	450.0	-16.9	-22.9	340.1	10.7	3.7	-10.1	323.2	326.6	1.0	55.0	6.6	147.
25.1	64.3	7079.8	425.0	-20.1	-26.8	331.4	11.4	5.5	-10.0	324.8	327.5	0.8	53.2	7.7	147.
26.6	67.7	7526.7	400.0	-23.2	-30.1	318.4	13.3	6.8	-10.3	324.8	327.5	0.8	53.2	8.9	145.
28.0	71.3	7996.3	375.0	-25.8	-36.0	315.9	16.9	11.8	-12.1	327.5	329.1	0.5	37.2	10.7	144.
29.6	75.3	8492.4	350.0	-29.7	-36.9	315.9	18.5	12.9	-13.3	328.6	329.9	0.3	36.3	12.5	142.
31.3	79.6	9016.4	325.0	-33.4	-44.8	311.7	19.6	14.8	-13.2	330.5	331.3	0.2	30.7	14.5	141.
33.0	83.8	9574.5	300.0	-37.3	-50.0	317.4	18.2	12.3	-13.4	332.7	333.2	0.1	24.9	16.5	141.
34.9	88.4	10169.1	275.0	-42.5	-59.9	319.7	17.4	11.3	-13.3	333.7	333.9	99.9	999.9	18.6	141.
36.8	93.4	10804.8	250.0	-48.4	99.9	321.7	19.3	11.9	-15.1	334.1	335.8	99.9	999.9	21.3	141.
41.0	104.3	12235.1	200.0	-60.3	99.9	314.9	25.2	17.9	-17.8	337.4	339.9	99.9	999.9	24.4	141.
43.5	110.6	13056.2	175.0	-66.0	99.9	306.6	36.6	29.4	-21.8	341.1	341.1	99.9	999.9	29.1	139.
46.0	117.5	13979.0	150.0	-71.8	99.9	319.6	29.0	18.8	-22.1	346.4	346.4	99.9	999.9	34.0	138.
49.1	125.7	15056.4	125.0	-69.5	99.9	306.4	22.6	18.2	-13.4	350.2	350.2	99.9	999.9	38.5	137.
51.1	134.7	16358.9	100.0	-68.2	99.9	315.8	24.1	16.8	-17.3	359.6	359.6	99.9	999.9	44.3	136.
58.0	143.7	18126.2	75.0	-68.4	99.9	337.4	16.8	1.5	-15.5	429.6	429.6	99.9	999.9	50.5	137.
64.9	154.5	20608.3	50.0	-62.5	99.9	52.7	9.3	-7.4	-5.6	496.3	496.3	99.9	999.9	52.3	139.
75.6	166.0	25017.5	25.0	-51.3	99.9	113.4	3.7	-3.4	1.5	637.3	637.3	99.9	999.9	50.7	142.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22002
PT. SILL, OKLA

27 APRIL 1975
1456 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	QFW PT DG C	DIP DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T CG K	MX PTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	9.0	362.0	565.8	22.5	19.3	150.0	10.3	-5.2	8.9	300.6	339.7	14.8	82.0	0.0	0.
56.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
56.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	10.4	505.9	950.0	21.3	18.5	162.7	15.4	-4.6	14.7	300.7	338.7	14.3	84.0	0.5	342.
1.4	12.7	737.1	925.0	19.6	17.7	170.8	15.2	-3.	14.9	301.2	336.3	13.9	88.7	1.3	342.
2.2	15.2	973.2	800.0	17.6	16.1	190.6	22.2	0.2	22.1	301.4	336.0	13.0	90.9	2.3	349.
3.3	17.5	1214.2	675.0	15.9	14.6	160.1	23.6	4.1	23.2	301.9	336.4	12.1	92.3	3.7	356.
4.2	20.0	1460.6	850.0	14.6	13.3	196.3	25.3	7.0	24.0	302.9	333.6	11.4	92.1	5.1	0.
5.3	22.3	1713.7	925.0	13.9	12.6	203.2	23.6	9.3	21.7	304.7	333.3	11.2	92.0	6.4	5.
6.6	25.0	1973.7	800.0	13.2	12.0	222.2	20.8	14.0	14.0	306.7	337.4	11.1	92.4	8.3	10.
7.8	27.3	2241.6	775.0	12.3	11.1	219.5	23.7	15.1	18.3	304.5	336.6	10.8	92.2	9.7	15.
8.8	30.1	2516.6	750.0	9.9	3.2	214.7	25.9	14.8	22.3	308.2	327.1	6.7	64.7	11.2	18.
15.8	32.9	2798.6	725.0	11.3	-6.8	210.0	25.7	12.8	22.3	312.2	321.8	3.2	27.4	12.6	20.
10.7	35.5	3092.1	700.0	11.4	-6.7	205.3	25.5	10.9	23.0	315.5	325.6	3.3	27.4	14.1	20.
11.8	38.3	3364.7	675.0	9.5	-10.0	202.2	24.3	9.2	22.5	316.7	326.9	2.7	24.0	15.7	21.
12.9	41.0	3708.1	650.0	6.8	-12.2	157.7	22.8	6.9	21.7	316.9	314.2	2.3	24.1	17.2	21.
14.1	44.0	4026.4	625.0	4.2	-17.6	195.6	22.9	6.1	22.1	317.5	323.3	1.5	18.3	18.9	20.
15.4	47.1	4356.6	600.0	1.1	-15.1	196.3	23.0	6.5	22.1	317.6	323.9	2.0	28.4	20.5	20.
16.8	50.2	4672.2	575.0	-1.6	-27.0	194.8	25.1	8.1	23.7	318.2	320.7	0.8	12.7	22.6	20.
18.1	53.2	5049.4	550.0	-4.2	-31.7	205.7	26.9	11.7	24.3	319.2	320.9	0.5	9.6	24.6	20.
19.4	56.3	5413.8	525.0	-7.6	-25.4	212.1	25.6	13.6	21.6	319.4	322.5	0.9	22.4	26.7	21.
20.8	59.5	5791.3	500.0	-11.0	-25.3	220.0	27.2	17.5	20.8	319.8	321.0	1.0	29.6	28.9	22.
22.2	63.0	6182.9	475.0	-13.9	-11.9	218.4	24.2	15.0	19.0	320.6	321.5	0.2	7.2	30.9	23.
23.6	66.4	6592.1	450.0	-16.1	-7.0	207.8	25.3	11.6	22.3	322.9	321.0	0.0	1.0	33.1	24.
25.1	70.0	7013.5	425.0	-19.3	-57.9	207.7	29.2	13.5	23.8	324.1	324.2	0.0	1.7	35.3	24.
26.7	73.7	7466.8	400.0	-23.1	-52.5	206.3	28.9	13.7	24.5	324.9	325.2	0.1	5.4	38.1	24.
28.1	77.7	7935.8	375.0	-27.3	-39.0	212.2	27.1	14.4	22.9	325.5	326.7	0.3	31.6	40.5	25.
29.8	81.5	8428.6	350.0	-31.5	-43.5	209.6	26.8	13.3	23.3	326.2	327.0	0.2	29.3	43.1	25.
31.4	85.6	8948.5	325.0	-35.9	-43.8	210.0	27.2	13.6	23.6	327.1	328.0	0.2	43.6	45.8	25.
33.3	90.0	9495.0	300.0	-40.3	99.9	213.8	24.4	13.6	20.7	328.5	328.9	0.9	99.9	48.7	26.
35.4	94.8	10047.9	275.0	-44.0	99.9	218.4	25.7	16.1	20.0	331.5	329.9	0.9	99.9	51.7	26.
37.5	99.6	10719.0	250.0	-50.2	99.9	218.5	26.9	16.7	21.1	331.5	329.9	0.9	99.9	55.0	27.
39.7	104.5	11378.6	225.0	-55.7	99.9	219.7	27.7	17.7	21.3	331.5	329.9	0.9	99.9	58.5	28.
42.1	110.0	12142.1	200.0	-60.0	99.9	233.9	30.7	24.8	18.1	337.8	329.9	0.9	99.9	62.4	29.
44.5	115.4	12962.7	175.0	-64.0	99.9	229.6	30.4	23.1	19.7	341.1	329.9	0.9	99.9	66.6	31.
47.2	122.1	13937.7	150.0	-61.2	99.9	221.6	31.1	20.7	23.2	346.6	329.9	0.9	99.9	71.4	32.
50.6	129.3	15033.9	125.0	-62.3	99.9	225.5	29.6	21.2	20.4	352.3	329.9	0.9	99.9	77.2	32.
54.2	135.8	16401.4	100.0	-65.9	99.9	222.0	31.3	23.3	23.3	400.4	329.9	0.9	99.9	84.1	34.
58.9	144.3	18134.9	75.0	-65.9	99.9	999.9	99.9	49.9	99.9	434.8	329.9	0.9	99.9	999.9	999.9
96.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
96.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0. BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0. BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Sounding Data

27 April 1975

1800 GMT

STATION NO. 213
WAYCROSS, GA27 APRIL 1975
1602 GMT

TIME MIN	CNCTY	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR OG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX WTO GM/KG	RM PCT	RANGE K4	AZ DG
0.0	3.6	44.0	1012.8	30.6	16.6	180.0	4.1	0.0	4.1	304.3	336.5	11.8	43.0	0.0	0.0
0.4	4.6	157.6	1000.0	29.1	16.2	140.2	4.4	-2.9	3.4	303.9	335.5	11.7	45.7	5.1	10.0
1.0	6.8	382.2	975.0	28.4	14.6	152.2	5.0	-2.3	4.4	303.2	332.5	10.8	48.2	0.3	346.0
1.7	9.0	610.7	950.0	24.1	13.7	145.1	4.8	-2.7	3.9	303.1	331.5	10.5	52.3	0.5	341.0
2.9	11.0	843.5	925.0	21.6	13.4	137.1	4.0	-2.7	2.9	302.8	331.4	10.5	59.6	0.7	328.0
3.8	13.3	1070.8	900.0	19.4	12.8	162.4	5.3	-1.6	5.0	307.9	331.1	10.4	65.6	1.0	330.0
4.6	15.5	1322.9	875.0	17.3	13.0	176.1	4.2	-0.3	4.2	303.2	332.8	10.9	75.0	1.2	334.0
5.5	17.6	1570.1	850.0	15.2	11.5	176.9	4.5	-0.2	4.5	303.4	330.9	10.1	78.4	1.4	337.0
6.7	20.1	1822.9	825.0	13.4	10.9	192.8	3.7	0.8	3.6	304.1	331.4	10.3	84.5	1.7	342.0
7.7	23.2	2052.0	800.0	11.4	9.7	197.5	2.7	0.8	2.6	304.6	330.7	9.5	89.0	1.9	347.0
9.2	26.7	2347.3	775.0	9.6	7.2	230.7	2.0	1.5	1.3	305.2	328.1	8.3	84.7	2.0	348.0
10.3	27.0	2615.4	750.0	8.0	4.9	263.4	3.2	3.2	0.3	306.3	326.7	7.3	80.3	2.1	353.0
11.4	29.6	2899.3	725.0	6.7	2.8	275.4	4.3	3.9	-0.7	307.6	326.1	6.5	76.5	2.0	0.0
12.5	32.0	3166.9	700.0	4.9	0.8	288.4	4.3	4.1	-1.3	308.7	325.4	5.8	74.8	2.0	0.0
12.7	32.7	3482.8	675.0	2.6	-2.3	295.1	4.5	4.0	1.9	309.2	323.2	4.8	70.2	1.9	17.0
14.8	37.1	3787.8	650.0	2.2	-19.7	319.7	2.7	1.7	-2.7	311.5	315.4	1.3	18.6	1.9	26.0
16.1	39.9	4103.6	625.0	0.9	-18.2	332.4	2.5	1.2	-2.2	313.6	318.3	1.5	22.3	1.8	28.0
17.5	42.5	4433.3	600.0	-0.8	-27.2	307.5	5.5	4.4	-3.3	315.2	317.5	0.7	11.4	1.7	30.0
18.9	45.4	4768.4	575.0	-3.3	-34.5	312.8	7.2	5.3	-4.9	316.2	317.4	0.4	6.8	1.8	57.0
20.3	48.4	5119.5	550.0	-5.4	-36.3	308.7	7.2	5.6	-4.5	317.7	316.8	0.3	6.7	2.1	74.0
21.8	51.3	5442.0	525.0	-7.0	-43.9	312.7	8.0	5.9	-5.4	320.0	320.6	0.2	3.7	2.4	84.0
23.2	54.4	5811.0	500.0	-9.4	-39.7	318.4	8.4	5.5	-6.4	321.6	322.5	0.2	6.3	3.0	97.0
24.7	57.4	6254.7	475.0	-12.7	-54.8	332.0	9.8	4.6	-4.7	322.1	322.3	0.0	1.5	3.6	106.0
26.1	60.9	6665.0	450.0	-15.1	-54.9	344.4	12.6	3.4	-12.1	324.2	324.4	0.0	1.8	4.2	117.0
27.6	64.3	7034.6	425.0	-18.1	-53.2	354.3	14.4	1.4	-14.4	325.7	326.0	0.1	3.2	5.1	124.0
29.4	67.7	7555.4	400.0	-20.7	-49.9	358.4	14.8	0.4	-14.8	326.0	326.7	0.2	10.4	6.3	139.0
31.5	71.2	8019.3	375.0	-24.1	-46.7	351.7	16.0	2.3	-15.8	329.6	330.2	0.1	10.2	7.6	147.0
33.3	75.2	8518.0	350.0	-28.2	-40.6	348.5	17.7	3.5	-17.4	330.7	331.1	0.1	10.7	9.5	152.0
35.2	79.3	9035.3	325.0	-32.1	-30.7	334.7	18.3	7.8	-16.6	332.4	332.8	0.1	13.7	11.4	153.0
37.1	83.4	9604.7	300.0	-36.9	-24.4	328.7	19.8	9.9	-16.9	333.2	333.5	0.1	14.2	13.7	153.0
39.0	87.8	10200.3	275.0	-41.9	9.9	336.0	22.2	9.0	-27.2	334.6	334.6	99.9	99.9	16.2	153.0
41.0	92.5	10837.9	250.0	-47.4	99.9	334.9	22.6	8.2	-27.1	335.4	335.4	99.9	99.9	18.8	153.0
43.2	97.6	11524.5	225.0	-52.6	99.9	343.6	28.5	8.0	-27.3	336.0	336.0	99.9	99.9	22.3	155.0
45.7	103.2	12276.4	200.0	-58.9	99.9	341.4	29.4	9.4	-27.9	339.5	339.5	99.9	99.9	26.5	156.0
48.4	109.3	13103.3	175.0	-64.6	99.9	332.8	35.6	16.3	-31.7	343.3	343.3	99.9	99.9	32.1	156.0
51.3	115.8	14028.6	150.0	-71.6	99.9	325.3	31.4	17.9	-25.3	346.7	346.7	99.9	99.9	37.9	155.0
54.9	123.7	15115.3	125.0	-87.1	99.9	322.0	31.3	17.3	-24.4	371.6	371.6	99.9	99.9	43.8	153.0
58.3	132.0	16466.5	100.0	-87.0	99.9	312.4	25.8	16.8	-19.5	398.3	398.3	99.9	99.9	52.2	151.0
65.3	141.5	18200.4	75.0	-88.1	99.9	327.9	10.6	5.6	-9.0	430.1	430.1	99.9	99.9	59.7	150.0
73.9	152.0	20702.2	50.0	-50.0	99.9	4.8	6.6	-1.1	-6.5	502.2	502.2	99.9	99.9	62.4	151.0
87.7	163.5	25101.6	25.0	-49.5	99.9	21.4	3.1	-1.1	-2.8	642.7	642.7	99.9	99.9	62.8	150.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 232
BOOTHVILLE, LA

27 APRIL 1975
1715 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GN/EG	RM PCT	RANGE KM	AZ DG
0.0	5.1	1.0	1016.7	25.6	21.3	120.0	4.6	-4.0	2.3	299.3	340.9	15.9	77.0	0.0	0.
0.7	6.4	163.6	1000.0	22.3	18.4	125.8	6.4	-5.2	3.8	297.2	332.6	13.5	78.9	0.3	303.
1.7	8.4	632.7	975.0	20.4	17.9	137.4	6.3	-4.2	4.6	297.5	332.6	13.5	85.6	0.7	307.
2.7	10.4	608.6	950.0	20.0	17.3	153.5	9.3	-4.0	6.0	298.9	326.9	10.5	67.4	1.1	315.
3.6	12.3	638.7	925.0	19.7	16.3	159.7	9.2	-3.2	8.6	300.5	322.6	8.1	51.6	1.6	322.
4.5	14.4	1078.1	900.0	18.3	15.8	168.9	8.9	-1.7	8.7	301.3	320.4	6.9	47.3	2.0	327.
5.5	16.3	1314.9	875.0	16.4	14.0	170.5	8.2	-1.4	8.1	301.8	323.1	7.8	57.6	2.5	332.
6.5	18.5	1561.4	850.0	15.5	13.3	161.5	8.4	-2.7	8.0	303.2	320.8	6.2	47.5	3.0	334.
7.7	20.6	1814.8	825.0	15.7	-1.3	152.6	9.4	-4.3	8.3	305.8	318.2	4.3	31.4	3.6	335.
8.8	22.9	2075.0	800.0	14.1	0.1	152.2	6.0	-2.8	5.3	306.9	320.8	4.8	38.2	4.1	336.
9.8	25.2	2342.2	775.0	12.5	-2.7	146.3	5.2	-2.9	4.3	307.8	319.7	4.1	34.6	4.5	336.
10.8	27.3	2616.4	750.0	10.9	-8.3	131.9	4.6	-3.4	3.1	308.7	316.9	2.7	25.2	4.8	337.
12.0	29.8	2898.1	725.0	9.9	-15.5	122.2	3.7	-3.2	2.0	310.5	315.4	1.6	15.0	5.0	332.
13.1	32.3	3186.3	700.0	9.1	-22.2	88.2	2.2	-2.2	-0.1	311.6	314.6	0.9	9.5	5.2	336.
14.3	34.9	348.5	675.0	7.3	-18.7	55.0	4.3	-3.5	-2.4	313.9	318.1	1.3	13.6	5.2	326.
15.5	37.2	3797.0	650.0	5.7	-19.0	57.7	5.9	-5.0	-3.1	315.5	319.7	1.3	14.9	5.2	324.
16.8	39.9	4116.5	625.0	3.7	-17.7	44.4	7.1	-5.0	-5.1	316.9	321.7	1.5	19.0	5.2	319.
18.1	42.4	4446.3	600.0	1.1	-17.6	41.2	8.8	-5.8	-6.7	317.5	322.7	1.6	23.8	5.1	312.
19.3	45.3	4785.8	575.0	-1.5	-21.2	30.2	9.8	-4.9	-8.5	318.4	322.8	1.3	2.1	5.2	304.
20.7	48.3	5139.8	550.0	-3.2	-20.2	5.2	8.9	-0.8	-8.9	320.5	325.0	1.4	25.4	5.0	295.
22.1	51.0	5500.1	525.0	-5.1	-22.8	27.0	6.8	-3.1	-6.0	321.4	326.3	1.2	23.2	4.9	286.
23.6	54.1	5877.7	500.0	-8.0	-22.4	23.3	6.8	-3.5	-8.1	323.4	327.6	1.3	30.3	5.2	280.
25.1	57.1	6284.7	475.0	-10.2	-20.1	3.4	6.9	-0.5	-8.6	325.4	328.1	0.8	21.5	5.2	271.
26.7	60.4	6658.8	450.0	-13.5	-34.4	339.1	9.2	3.3	-8.6	326.2	327.7	0.4	13.9	5.1	261.
28.2	63.9	7130.6	425.0	-16.8	-42.6	321.6	11.8	7.3	-9.3	327.4	328.2	0.2	6.5	4.8	251.
29.8	67.3	7583.5	400.0	-19.4	-43.1	322.3	11.8	7.1	-9.4	329.8	330.6	0.2	10.3	4.5	237.
31.5	70.9	8059.7	375.0	-23.3	-41.4	319.4	14.3	9.2	-10.9	330.7	331.7	0.3	17.0	4.6	221.
33.4	74.8	8500.3	350.0	-27.5	-42.8	328.4	13.6	7.1	-11.6	331.7	332.6	0.2	20.5	5.2	203.
35.4	79.0	9080.3	325.0	-31.7	-44.0	320.3	10.7	6.8	-8.2	332.9	333.8	0.2	28.1	6.1	191.
37.3	83.0	9650.2	300.0	-36.2	-45.9	314.5	11.9	8.5	-8.4	334.3	335.1	0.2	35.4	6.8	183.
39.5	87.5	10248.3	275.0	-41.0	92.9	304.8	15.4	12.7	-8.4	335.9	999.9	99.9	999.9	6.1	173.
41.8	92.4	10889.2	250.0	-46.2	99.9	310.7	15.5	11.8	-10.1	337.4	999.9	99.9	999.9	9.7	163.
44.3	97.5	11581.3	225.0	-52.0	99.9	295.4	14.7	13.3	-6.3	338.9	999.9	99.9	999.9	11.6	157.
47.1	103.0	12333.6	200.0	-58.1	99.9	295.0	17.2	15.6	-7.3	340.7	999.9	99.9	999.9	13.6	149.
49.9	109.0	13162.8	175.0	-64.7	99.9	288.6	24.0	22.8	-7.7	343.1	999.9	99.9	999.9	15.6	142.
53.0	115.5	14090.6	150.0	-69.5	99.9	295.0	28.9	26.2	-12.2	350.5	999.9	99.9	999.9	21.0	135.
56.8	122.8	15184.0	125.0	-66.7	99.9	300.6	20.9	20.9	-12.3	374.2	999.9	99.9	999.9	26.9	131.
61.2	130.7	16522.5	100.0	-70.2	99.9	300.6	14.3	12.4	-7.2	392.1	999.9	99.9	999.9	35.7	129.
66.5	139.0	18219.5	75.0	-71.8	99.9	27.1	2.6	2.5	-0.4	422.5	999.9	99.9	999.9	32.8	127.
74.5	147.7	20673.6	50.0	-60.0	99.9	100.0	1.1	-0.3	1.0	502.3	999.9	99.9	999.9	32.0	129.
87.1	156.3	25121.1	25.0	-50.7	99.9	999.9	99.9	99.9	99.9	639.3	999.9	99.9	999.9	999.9	999.9.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISS27 APRIL 1975
1715 GMT

TIME MIN	CNTCT	WEIGHT G	PRES MB	TEMP OG C	DEW PT OG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y OG K	E POT Y OG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ OG
0.0	4.1	100.0	1006.7	27.2	20.0	180.0	5.1	0.0	5.1	301.8	341.3	14.9	65.0	0.0	0.
0.3	4.7	150.1	1000.0	25.5	18.4	161.4	4.6	-1.5	4.4	300.5	337.2	13.4	65.6	0.1	359.
1.0	6.5	351.2	975.0	22.0	16.2	152.0	4.0	-1.9	3.6	299.9	336.0	13.6	75.3	0.3	346.
1.6	6.7	607.2	950.0	20.4	17.6	157.3	4.6	-1.6	4.2	299.7	335.4	13.5	84.1	0.4	341.
2.3	10.7	637.8	925.0	14.9	16.6	159.7	6.8	-2.4	6.4	300.4	335.0	13.0	86.5	0.6	341.
3.1	12.8	1073.4	600.0	18.2	13.2	163.1	9.9	-3.4	9.4	301.7	330.4	10.7	72.8	1.1	340.
4.0	15.1	1314.5	875.0	16.5	10.9	163.8	8.8	-2.4	8.4	302.2	327.8	9.4	69.3	1.6	340.
4.9	17.2	1561.0	850.0	14.8	8.9	170.0	6.6	-1.5	6.5	302.8	326.1	8.5	67.5	2.0	342.
5.6	19.5	1813.4	825.0	13.6	4.5	172.9	8.1	-1.0	8.0	303.8	321.9	6.4	54.2	2.5	344.
6.6	21.7	2072.2	800.0	12.2	1.1	180.0	6.7	0.0	6.7	304.8	319.6	5.2	46.9	2.8	345.
7.5	24.1	2337.2	775.0	10.2	0.8	178.9	6.1	-0.1	6.1	305.5	320.5	5.3	42.1	3.2	347.
8.6	26.4	2610.5	750.0	11.4	-9.7	168.4	4.9	-1.0	4.8	309.2	316.6	2.4	21.7	3.5	348.
9.6	28.9	2893.3	725.0	11.1	-10.7	152.5	5.4	-2.5	4.9	312.0	319.2	2.3	20.8	3.8	347.
10.6	31.4	3185.7	700.0	10.3	-9.1	146.0	5.5	-3.1	4.6	314.2	322.7	2.8	24.6	4.2	346.
11.6	34.1	3467.2	675.0	8.4	-9.5	148.4	4.6	-2.4	3.9	315.4	323.9	2.8	26.8	4.5	344.
12.6	36.6	3797.8	650.0	6.4	-12.2	155.0	3.2	-1.3	2.9	316.5	323.7	2.3	25.0	4.7	344.
13.6	39.3	4117.9	625.0	3.8	-12.9	151.6	1.9	-0.9	1.7	317.1	324.2	2.3	28.5	4.9	344.
14.9	41.9	4448.0	600.0	1.2	-9.5	94.9	1.0	-1.0	0.1	317.9	327.4	3.1	44.6	4.9	343.
16.0	44.8	4789.1	575.0	-1.2	-15.9	36.3	1.3	-0.8	-1.1	318.8	325.0	1.9	31.5	4.9	342.
17.3	47.8	5141.7	550.0	-3.8	-15.2	47.9	2.6	-2.0	-1.8	319.8	326.6	2.1	40.7	4.8	341.
18.5	50.7	5507.5	525.0	-5.4	-16.3	42.9	3.4	-2.5	-2.7	321.0	327.5	2.0	44.9	4.7	338.
19.8	53.9	5886.6	500.0	-9.8	-17.3	15.0	3.5	-0.9	-3.4	321.3	327.6	2.0	53.8	4.6	335.
21.3	56.8	6280.9	475.0	-12.1	-20.7	31.9	3.5	2.3	-2.6	323.1	326.2	1.5	40.6	4.3	334.
22.7	60.0	6692.4	450.0	-14.7	-26.8	291.5	6.0	5.6	-2.2	324.7	327.4	0.8	29.0	4.0	337.
24.4	63.6	7123.0	425.0	-17.3	-31.9	302.2	8.2	7.0	-4.4	326.8	326.9	0.6	26.8	3.5	345.
25.9	66.9	7574.4	400.0	-21.0	-35.0	294.8	9.1	6.2	-3.4	327.7	329.4	0.5	27.1	3.0	357.
27.6	70.5	8047.3	375.0	-25.1	-41.3	244.6	11.8	11.4	-3.0	328.3	329.3	0.3	20.6	2.8	15.
29.4	74.3	8544.5	350.0	-29.0	-41.0	304.6	20.3	16.8	11.5	329.5	330.4	0.3	30.1	3.0	57.
31.1	78.3	9070.1	325.0	-33.0	-43.8	305.2	14.9	12.2	-8.6	331.2	332.1	0.2	32.6	4.0	80.
32.2	82.3	9629.0	300.0	-36.7	-45.9	307.3	14.1	11.2	-8.5	333.6	334.4	0.2	37.3	5.4	93.
33.3	86.6	10225.3	275.0	-41.6	-49.9	306.9	12.2	9.6	-7.3	334.9	334.9	99.9	99.9	6.8	101.
37.4	91.2	10855.1	250.0	-46.5	-49.9	303.2	12.4	10.4	-6.8	336.9	336.9	99.9	99.9	8.2	105.
42.8	96.2	11555.0	225.0	-52.6	-49.9	291.2	14.6	13.6	-5.3	337.9	337.9	99.9	99.9	10.1	108.
44.7	101.3	12305.0	200.0	-59.1	-49.9	280.1	16.4	16.1	-2.9	339.2	339.2	99.9	99.9	12.5	107.
47.9	107.3	13127.1	175.0	-66.3	-49.9	277.2	24.1	24.0	-3.0	340.5	340.5	99.9	99.9	15.3	106.
49.9	113.5	14048.2	150.0	-70.8	-49.9	275.0	29.3	29.2	-2.6	346.2	346.2	99.9	99.9	20.5	103.
51.7	120.7	15146.5	125.0	-66.8	-49.9	292.0	20.0	18.6	-7.5	374.0	374.0	99.9	99.9	26.7	103.
56.1	128.7	16465.3	100.0	-70.7	-49.9	290.7	13.7	12.8	-4.8	391.3	391.3	99.9	99.9	30.4	104.
61.6	137.7	18197.8	75.0	-70.2	-49.9	320.6	7.3	4.6	-5.7	425.8	425.8	99.9	99.9	33.6	104.
69.1	146.7	20672.5	50.0	-59.3	-49.9	69.1	4.6	-4.3	-1.6	507.8	507.8	99.9	99.9	33.3	108.
81.0	55.0	25106.6	25.0	-50.4	-49.9	50.6	2.5	-1.9	-1.6	639.8	639.8	99.9	99.9	30.6	108.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 240 LAKE CHARLES, LA														150 15. 0		
27 APRIL 1975 1715 GMT														0		
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T MG K	E POT T DG K	MR RTD GM/KG	RH PCT	RANGE KM	AZ DG	
00.0	3.3	5.0	1015.7	27.2	21.7	140.0	7.2	-4.6	5.5	301.2	344.5	14.4	72.0	0.0	0.	
00.5	4.7	142.9	1000.0	25.3	19.6	152.0	11.3	-5.3	10.0	300.4	339.9	14.5	70.6	0.4	329.	
1.1	6.6	365.4	975.0	23.1	19.3	151.3	10.9	-5.2	9.6	300.4	339.3	14.7	79.4	0.7	331.	
1.6	8.8	592.0	950.0	20.8	19.1	148.0	11.1	-5.9	9.4	300.3	339.6	14.9	90.1	1.2	331.	
2.6	10.9	822.8	925.0	19.5	16.1	147.7	11.5	-6.1	9.7	301.0	334.5	12.6	80.6	1.7	329.	
3.5	13.2	1057.8	900.0	19.0	9.1	149.6	12.1	-6.1	10.4	302.2	324.6	8.2	52.8	2.3	329.	
4.3	15.4	1299.7	875.0	18.1	5.6	158.1	12.3	-6.6	11.4	303.5	321.8	6.5	43.6	2.9	330.	
5.2	17.6	1547.6	850.0	16.9	6.8	163.7	10.8	-3.0	10.3	304.8	325.3	7.3	51.5	3.5	332.	
6.0	20.1	1801.6	825.0	15.7	2.2	167.7	11.0	-7.3	10.8	305.9	321.5	5.5	40.2	4.1	334.	
7.0	22.3	2042.2	800.0	14.3	-0.2	174.1	10.1	-1.0	10.1	307.1	320.8	4.7	36.9	4.7	336.	
8.0	24.6	2324.4	775.0	12.7	-2.7	197.3	9.8	1.2	9.7	308.0	319.9	4.1	34.2	5.2	338.	
8.9	27.1	2604.1	750.0	11.7	-8.3	199.7	10.1	1.4	9.5	309.7	317.9	2.7	23.6	5.7	342.	
10.0	29.7	2897.5	725.0	11.5	-16.5	191.7	10.0	2.0	9.8	312.3	316.9	1.5	17.7	6.2	344.	
11.1	32.3	3180.1	700.0	11.8	-17.6	170.8	9.8	-1.6	9.7	315.7	320.1	1.4	11.2	6.8	347.	
12.2	35.0	3461.4	675.0	10.8	-17.4	168.9	9.9	-1.9	9.7	317.9	322.5	1.4	12.1	7.5	347.	
13.0	37.0	3746.4	650.0	8.8	-15.7	165.2	7.9	-2.0	7.6	319.1	324.6	1.7	15.0	8.0	347.	
14.3	40.3	4119.0	625.0	5.9	-13.1	145.7	6.9	-3.9	5.7	319.5	326.6	2.3	24.4	8.4	346.	
15.5	43.0	4451.1	600.0	2.6	-9.3	140.6	7.7	-6.2	6.4	319.5	324.3	3.1	41.1	8.9	345.	
16.7	45.9	4793.8	575.0	-0.4	-10.8	149.6	7.7	-1.9	6.7	319.9	329.1	2.9	45.2	9.5	344.	
17.0	48.9	5147.4	550.0	-3.3	-16.0	158.6	8.5	-3.1	8.0	320.4	326.8	2.0	36.6	10.1	343.	
19.3	51.8	5513.9	525.0	-5.7	-20.7	174.5	7.7	-0.2	7.7	321.7	326.3	1.4	29.7	10.8	343.	
20.6	54.7	5894.8	500.0	-7.9	-33.6	209.8	6.7	3.3	5.9	323.4	325.0	0.4	10.4	11.2	345.	
21.9	57.7	6291.4	475.0	-10.5	-28.7	234.5	8.9	7.3	5.2	325.0	327.6	0.8	21.1	11.6	348.	
23.3	61.0	6708.9	450.0	-13.7	-31.5	236.9	10.0	8.4	5.5	326.0	329.1	0.6	20.5	11.8	351.	
24.8	64.5	7137.6	425.0	-16.1	-42.2	241.4	10.4	9.1	5.0	328.2	329.0	0.2	8.4	12.2	355.	
26.3	67.9	7591.7	400.0	-18.9	-46.7	249.0	8.5	7.3	4.4	330.4	330.9	0.1	6.5	13.2	359.	
28.0	71.4	8068.2	375.0	-23.3	-48.8	230.5	11.5	8.9	7.3	330.7	331.2	0.1	7.5	13.2	2.	
29.7	75.3	8569.2	350.0	-27.2	-47.6	241.0	14.1	12.3	6.9	331.9	332.5	0.1	12.5	14.0	7.	
31.7	79.3	9097.8	325.0	-32.1	-43.4	245.0	13.5	12.2	5.7	332.4	333.3	0.2	31.9	15.0	12.	
33.7	83.3	9654.3	300.0	-35.6	-41.0	247.4	14.2	13.1	5.5	335.1	336.4	0.3	57.4	16.1	17.	
35.9	87.6	10257.7	275.0	-40.0	99.9	248.6	19.3	18.0	7.0	337.2	999.9	99.9	99.9	17.5	22.	
38.3	92.4	10901.4	250.0	-45.2	99.9	258.3	19.0	18.6	3.8	338.9	999.9	99.9	99.9	19.2	29.	
40.8	97.2	11597.1	225.0	-50.0	99.9	267.9	23.4	23.4	0.9	341.9	999.9	99.9	99.9	21.3	36.	
43.4	102.4	12357.9	200.0	-55.5	99.9	266.6	22.6	22.5	1.3	345.0	999.9	99.9	99.9	23.8	43.	
46.4	108.3	13197.2	175.0	-62.0	99.9	281.4	25.2	24.7	-5.0	347.7	999.9	99.9	99.9	26.7	50.	
49.7	114.7	14137.8	150.0	-67.2	99.9	279.9	37.4	36.8	-6.4	354.3	999.9	99.9	99.9	31.3	60.	
53.6	121.7	15229.7	125.0	-66.3	99.9	269.6	23.0	23.0	0.2	374.9	999.9	99.9	99.9	37.1	65.	
58.1	129.7	16574.1	100.0	-69.2	99.9	263.0	13.0	12.9	1.6	394.1	999.9	99.9	99.9	40.8	67.	
64.0	138.0	18252.5	75.0	-67.3	99.9	163.4	6.0	-1.7	5.7	431.8	999.9	99.9	99.9	43.0	66.	
72.3	147.3	20780.6	50.0	-59.1	99.9	239.7	2.5	2.1	1.3	504.4	999.9	99.9	99.9	42.6	64.	
84.9	157.0	25241.8	25.0	-48.3	99.9	228.9	4.6	2.5	3.0	645.8	999.9	99.9	99.9	40.7	63.	

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248
SHREVEPORT, LA27 APRIL 1975
1715 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
00	4.4	79.0	1006.1	26.7	19.6	160.0	6.2	-2.1	5.8	301.3	339.7	14.4	65.0	0.0	0.
01	4.8	132.8	1000.0	25.9	17.9	157.5	5.1	-2.0	4.7	300.8	335.7	13.1	61.7	0.2	357.
02	6.4	355.6	975.0	24.0	17.1	164.9	6.0	-1.6	5.8	301.1	335.0	12.7	65.0	0.4	352.
03	8.3	582.5	950.0	21.7	15.7	179.5	8.7	-0.1	8.7	300.8	332.7	11.9	68.6	0.9	352.
04	10.3	813.7	925.0	19.6	15.7	178.0	8.4	-0.3	8.4	301.0	333.7	12.2	78.0	1.2	355.
05	12.1	1049.3	900.0	17.3	14.5	171.4	11.8	-1.8	11.6	300.8	332.0	11.6	83.8	1.9	355.
06	14.0	1289.8	875.0	16.1	9.6	177.2	15.6	-0.8	15.6	301.7	325.2	8.6	65.3	2.9	354.
07	15.9	1537.2	850.0	14.7	7.7	189.6	14.6	2.4	14.4	304.7	326.4	7.8	55.0	3.8	356.
08	17.0	1790.8	825.0	14.9	4.7	182.8	14.6	2.5	14.4	305.2	323.5	6.5	50.5	4.8	360.
09	18.2	2050.5	800.0	12.6	2.1	184.3	14.6	1.6	14.5	305.3	321.2	5.4	48.8	5.8	1.
10	20.1	2316.4	775.0	11.1	0.4	191.6	14.7	2.9	14.4	306.5	321.1	5.1	47.4	6.7	2.
11	22.3	2594.5	750.0	10.4	-4.3	194.4	14.8	4.7	14.0	308.3	319.3	3.7	35.2	7.6	4.
12	24.3	2872.1	725.0	10.8	-11.9	197.0	14.4	3.4	13.8	311.6	314.2	2.1	14.9	8.6	6.
13	26.6	3144.1	700.0	10.1	-14.0	195.0	13.0	3.4	12.5	314.0	319.8	1.8	16.7	9.6	7.
14	28.9	3425.4	675.0	8.9	-13.8	192.8	13.8	3.1	13.5	315.0	322.0	1.9	18.4	10.6	7.
15	31.5	3776.5	650.0	6.6	-10.6	192.9	12.4	0.6	12.4	316.8	325.1	2.6	29.2	11.6	8.
16	33.8	4097.5	625.0	4.9	-9.4	177.6	12.4	-0.5	12.4	318.4	327.7	3.0	34.6	12.7	7.
17	35.8	4428.7	600.0	1.9	-11.1	173.8	10.9	-1.2	10.8	314.7	327.2	2.7	37.3	13.6	6.
18	38.3	4770.2	575.0	-0.9	-15.0	172.7	12.1	-1.5	12.0	319.1	325.4	1.9	31.4	14.5	5.
19	40.8	5123.3	550.0	-3.7	-20.6	187.1	12.8	1.6	12.7	319.8	324.2	1.3	25.4	15.6	5.
20	43.2	5446.7	525.0	-6.6	-22.1	196.4	8.5	2.7	8.1	320.6	324.7	1.2	27.8	16.5	5.
21	45.1	5807.6	500.0	-9.7	-16.6	232.7	5.3	4.2	3.2	321.4	328.1	2.1	57.2	17.0	6.
22	47.0	6200.9	475.0	-13.2	-22.0	226.7	8.1	5.9	5.5	321.8	325.0	1.3	43.8	17.3	7.
23	49.0	6570.2	450.0	-16.0	-25.2	214.4	12.0	6.8	9.9	323.1	325.7	0.7	30.9	18.1	9.
24	51.0	7066.5	425.0	-19.5	-38.5	221.0	12.1	7.9	9.1	325.2	326.4	0.3	15.1	19.2	10.
25	53.0	7548.2	400.0	-21.8	-40.5	235.1	13.6	11.1	7.8	324.6	327.6	0.3	16.4	20.3	13.
26	55.0	8019.5	375.0	-25.4	-37.6	244.2	14.3	11.6	8.4	327.9	329.3	0.4	30.7	21.8	16.
27	57.1	8516.4	350.0	-29.7	-33.9	233.4	15.2	12.2	9.1	328.7	337.9	0.6	66.6	22.8	18.
28	59.9	9041.1	325.0	-33.5	-38.7	231.2	16.2	12.6	10.1	330.4	331.9	0.4	59.5	24.4	21.
29	62.2	9558.6	300.0	-37.3	-42.5	241.6	17.2	15.1	8.2	332.7	333.6	0.3	58.0	24.0	23.
30	64.4	10193.1	275.0	-42.2	-49.9	241.7	19.6	17.2	9.3	334.1	339.9	99.9	99.9	27.7	26.
31	66.0	10830.3	250.0	-47.2	-49.9	242.3	24.2	22.3	11.7	335.4	339.9	99.9	99.9	30.8	30.
32	67.8	11518.0	225.0	-53.1	-49.9	247.8	23.2	21.5	8.8	337.1	339.9	99.9	99.9	33.9	34.
33	69.2	12268.0	200.0	-58.5	-49.9	244.2	30.4	29.8	6.2	340.1	339.9	99.9	99.9	37.7	39.
34	70.8	13096.2	175.0	-64.5	-49.9	253.4	27.5	26.4	7.9	343.6	339.9	99.9	99.9	42.1	43.
35	72.5	14259.0	150.0	-67.6	-49.9	262.0	26.3	26.0	3.7	343.7	339.9	99.9	99.9	46.2	47.
36	74.5	15124.6	125.0	-66.9	-49.9	260.0	21.8	21.4	3.8	343.9	339.9	99.9	99.9	51.3	51.
37	76.3	16446.3	100.0	-70.8	-49.9	266.6	6.6	6.6	0.4	341.0	339.9	99.9	99.9	54.8	52.
38	78.0	18182.9	75.0	-67.1	-49.9	264.0	7.2	3.2	6.5	432.3	339.9	99.9	99.9	57.4	51.
39	80.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 250
BROWNSVILLE, TEX27 APRIL 1975
1715 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	4.1	7.0	1010.3	29.4	21.1	170.0	11.3	-2.0	11.1	303.0	346.2	15.8	61.0	0.0	0.
0.2	5.0	96.3	1000.0	27.0	21.2	155.9	16.7	-6.8	15.3	302.3	345.0	16.1	70.4	0.5	339.
0.7	6.9	328.0	975.0	28.0	19.4	157.1	16.3	-6.3	15.0	301.3	340.6	14.8	75.5	0.7	338.
1.4	9.2	549.4	950.0	21.8	20.0	164.1	13.9	-3.8	13.3	301.5	343.1	15.7	89.2	1.4	336.
2.2	11.2	781.2	925.0	20.0	19.6	164.6	16.7	-3.9	14.2	301.8	341.2	14.8	91.8	1.9	341.
2.9	13.5	1018.3	900.0	19.8	15.1	165.4	17.2	-4.3	16.7	303.6	336.7	12.3	75.0	2.6	342.
3.6	15.6	1261.9	875.0	19.6	11.5	166.2	17.9	-3.7	17.5	305.5	332.6	9.8	59.4	3.4	343.
4.4	18.0	1510.7	850.0	18.1	3.8	172.0	16.7	-2.3	16.5	305.9	322.7	5.9	38.5	4.3	344.
5.2	20.3	1766.7	825.0	17.6	6.3	173.1	14.4	-1.7	14.3	308.2	326.9	7.3	47.4	5.0	345.
6.1	22.6	2026.6	800.0	15.1	2.8	173.0	14.8	-1.6	14.7	308.0	325.0	5.9	43.8	5.7	346.
7.0	25.2	2297.5	775.0	16.6	-25.8	178.6	12.8	-0.3	12.6	311.8	313.8	0.6	4.0	6.5	348.
7.9	27.5	2575.9	750.0	16.4	-23.4	180.9	10.0	0.1	10.0	314.5	317.0	0.8	4.9	7.1	349.
8.9	30.1	2863.2	725.0	15.3	-23.9	182.0	5.9	C.2	5.9	316.3	318.9	0.8	5.1	7.6	350.
9.8	32.8	3158.8	700.0	13.3	-24.8	179.0	3.2	-0.1	3.2	317.3	319.8	0.7	5.3	7.8	350.
10.8	35.5	3463.3	675.0	11.1	-25.9	170.6	3.7	-0.6	3.7	318.2	320.5	0.7	5.5	7.9	350.
11.8	38.1	3776.6	650.0	9.7	-26.7	154.9	5.8	-2.0	5.5	320.0	322.2	0.7	5.7	8.3	350.
12.8	40.8	4100.3	625.0	7.0	-28.1	154.8	6.7	-2.8	6.0	320.5	322.5	0.6	6.0	8.6	349.
13.9	43.6	4432.7	600.0	4.2	-26.6	159.0	6.2	-2.2	5.8	321.0	322.9	0.5	6.3	9.1	349.
15.0	46.8	4772.7	575.0	1.3	-31.2	166.1	5.2	-1.3	5.1	321.5	323.2	0.5	6.7	9.4	348.
16.2	49.9	5133.0	550.0	-1.7	-32.9	165.4	6.2	-1.6	6.0	322.1	324.4	0.4	7.0	9.8	348.
17.4	52.8	5500.9	525.0	-4.4	-34.6	162.7	8.3	-2.5	7.9	323.1	324.4	0.4	7.3	10.3	348.
18.7	55.8	5883.6	500.0	-6.9	-36.0	178.4	11.5	-0.3	11.5	324.7	326.4	0.5	10.3	11.1	348.
20.0	59.0	6281.3	475.0	-9.8	-35.0	193.0	12.7	2.9	12.4	325.8	327.3	0.4	10.6	12.1	350.
21.3	62.6	6693.9	450.0	-13.2	-34.0	196.5	12.7	3.6	12.2	326.7	328.4	0.5	15.4	12.9	352.
22.7	66.0	7128.6	425.0	-16.3	-36.0	208.2	12.7	6.0	11.2	328.1	329.6	0.4	16.3	13.8	354.
24.1	69.7	7581.4	400.0	-20.2	-35.9	213.0	14.0	7.6	11.8	329.6	330.3	0.4	23.0	14.7	356.
25.4	73.3	8055.9	375.0	-24.1	-39.2	214.2	14.2	8.0	11.7	329.6	330.9	0.3	23.1	15.8	359.
27.2	77.3	8555.1	350.0	-28.1	-42.4	214.7	15.4	8.8	12.7	330.8	331.8	0.3	23.6	17.0	2.
28.9	81.3	9082.4	325.0	-32.4	-47.5	212.6	18.1	9.8	15.2	331.9	332.5	0.2	20.4	18.5	5.
30.8	85.7	9642.4	300.0	-36.1	-41.2	231.5	17.8	13.9	11.1	334.4	335.6	0.3	59.1	20.1	8.
33.0	90.2	10240.6	275.0	-40.7	98.9	234.7	18.7	15.2	10.8	336.2	339.9	99.9	99.9	21.8	13.
35.1	95.2	10882.8	250.0	-45.6	99.9	240.9	22.7	19.8	11.0	338.3	341.7	99.9	99.9	23.8	17.
37.4	100.2	11578.3	225.0	-50.1	99.9	251.2	25.7	24.3	8.3	341.7	344.9	99.9	99.9	26.0	22.
39.8	105.6	12339.3	200.0	-55.5	99.9	263.9	29.3	24.2	3.1	344.9	347.0	99.9	99.9	28.5	29.
42.5	111.5	13177.7	175.0	-62.4	99.9	270.9	31.3	31.3	-0.5	347.0	349.9	99.9	99.9	31.3	37.
45.9	118.3	14111.2	150.0	-70.1	99.9	278.2	34.3	33.9	-4.9	349.3	349.9	99.9	99.9	35.4	46.
48.7	125.8	15185.1	125.0	-71.1	99.9	246.9	1.4	19.7	8.4	366.2	366.2	99.9	99.9	40.1	53.
54.5	134.3	16501.8	100.0	-73.3	99.9	239.4	14.1	12.2	7.2	386.1	386.1	99.9	99.9	45.1	54.
60.3	143.3	18185.2	75.0	-73.4	99.9	186.3	11.7	1.3	11.6	419.0	419.0	99.9	99.9	48.9	53.
68.9	154.3	20642.2	50.0	-80.3	99.9	35.7	4.4	-2.6	-3.6	401.4	401.4	99.9	99.9	48.8	52.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEX27 APRIL 1975
1715 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DLV PT DG C	DIR DG	SPFED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.2	33.0	1009.1	27.5	20.3	170.0	10.3	-1.8	10.1	301.9	342.1	15.1	65.0	0.0	0.
0.3	4.9	113.1	1000.0	24.9	18.7	171.4	15.5	-2.3	15.3	299.9	336.4	13.0	60.8	0.5	346.
0.9	6.7	335.6	975.0	23.5	18.9	175.3	14.9	-3.2	14.8	300.7	338.7	14.3	75.8	0.9	347.
1.6	8.8	562.3	950.0	21.1	17.9	164.3	11.4	-3.1	11.0	300.4	336.9	13.7	82.0	1.4	349.
2.4	10.6	793.5	925.0	19.3	17.1	172.7	13.9	-1.8	13.9	300.8	336.5	13.4	87.2	2.0	349.
3.2	12.7	1029.1	900.0	17.7	14.1	176.8	16.4	-0.9	16.4	301.3	331.8	11.4	79.4	2.7	350.
4.1	14.8	1271.1	875.0	19.3	0.3	172.2	18.4	-2.5	18.2	304.4	317.3	4.5	27.9	3.7	351.
4.9	16.8	1514.3	850.0	18.0	-7.0	173.6	17.4	-1.9	17.3	305.3	313.3	2.7	17.5	4.6	351.
5.8	19.1	1773.6	825.0	15.7	1.3	175.1	17.8	-1.5	17.8	305.9	320.5	5.1	37.7	5.6	352.
6.7	21.2	2033.9	800.0	14.6	-10.7	177.0	19.3	-1.0	19.3	317.0	313.4	2.1	16.4	6.5	353.
7.6	23.5	2301.7	775.0	14.3	-19.2	183.5	16.7	1.0	16.7	309.3	312.8	1.1	8.4	7.5	353.
8.6	25.8	2577.7	750.0	13.4	-26.5	185.4	14.6	1.4	14.5	311.2	313.2	0.6	4.5	8.4	355.
9.5	29.2	2661.8	725.0	12.9	-31.5	176.7	13.9	-0.8	13.9	313.6	314.9	0.4	3.0	9.1	356.
10.4	30.7	3156.0	700.0	12.7	-37.5	172.2	14.6	-2.0	14.4	316.6	317.4	0.2	1.6	9.9	355.
11.4	33.3	3659.8	675.0	10.8	-24.0	169.8	15.6	-3.0	15.3	317.8	320.7	0.9	7.3	10.8	355.
12.5	35.8	3772.3	650.0	8.0	-19.0	161.9	16.0	-3.9	15.6	318.2	322.4	1.3	12.7	11.9	356.
13.7	39.4	4094.3	625.0	5.8	-22.7	158.0	15.8	-5.9	14.7	319.2	322.5	1.0	10.7	12.9	353.
14.7	41.1	4425.5	600.0	3.3	-22.5	161.5	15.5	-4.9	14.7	320.1	323.5	1.0	12.9	14.0	352.
15.8	44.0	4769.8	575.0	0.4	-20.5	178.4	13.8	-0.4	13.8	320.5	324.9	1.3	16.9	14.9	352.
17.0	47.0	5124.1	550.0	-2.9	-20.6	192.5	14.3	2.6	14.0	320.8	325.2	1.3	24.1	15.9	353.
18.2	50.1	5491.2	525.0	-5.2	-28.5	201.5	12.7	4.6	11.8	322.3	324.6	0.7	13.9	16.6	354.
19.5	53.1	5871.9	500.0	-8.6	-31.5	206.5	11.6	5.2	10.4	322.5	324.4	0.5	13.7	17.5	356.
20.8	56.3	6266.9	475.0	-12.2	-33.6	208.9	10.6	5.1	9.3	322.9	324.5	0.5	14.6	18.3	357.
22.2	59.7	6678.2	450.0	-14.7	-34.7	207.2	13.3	6.1	11.9	324.2	326.3	0.4	16.4	19.2	358.
23.8	63.3	7109.7	425.0	-16.7	-34.9	216.6	19.9	11.9	16.0	327.5	326.5	0.3	11.3	20.5	1.
25.2	66.9	7561.2	400.0	-21.0	-44.5	221.0	19.0	12.9	14.8	327.7	328.3	0.2	10.0	21.9	4.
26.8	70.6	8034.6	375.0	-24.7	-45.6	220.8	18.8	12.3	14.2	328.8	329.4	0.2	12.3	23.3	7.
28.5	74.7	8532.4	350.0	-29.0	-45.4	219.7	17.8	11.4	13.7	329.6	330.3	0.2	16.7	24.6	9.
30.2	79.0	9057.7	325.0	-33.0	-47.6	223.3	20.3	14.0	14.8	331.1	331.7	0.2	21.3	26.6	11.
32.2	83.4	9615.9	300.0	-37.0	-47.1	229.6	23.0	17.5	14.9	333.2	333.3	0.2	33.8	28.8	14.
34.3	88.0	10212.0	275.0	-40.8	-49.9	232.9	23.0	18.4	13.5	336.2	339.9	99.9	999.9	31.2	17.
36.6	93.2	10853.5	250.0	-45.8	-49.0	233.4	25.7	20.6	15.3	338.0	339.9	99.9	999.9	33.6	21.
38.9	98.5	11547.2	225.0	-51.1	-49.9	241.7	29.0	25.6	13.8	340.2	339.9	99.9	999.9	36.7	24.
41.6	104.4	12304.2	200.0	-56.6	-49.9	248.2	32.7	30.4	12.2	343.1	339.9	99.9	999.9	40.2	29.
44.2	110.6	13141.7	175.0	-61.4	-49.9	257.7	40.0	39.1	8.5	348.6	339.9	99.9	999.9	44.6	36.
47.3	117.3	14079.8	150.0	-69.7	-49.9	263.2	43.7	43.4	5.2	350.0	339.9	99.9	999.9	49.9	41.
50.9	125.0	15141.2	125.0	-68.8	-49.9	246.2	26.5	24.2	10.7	370.3	339.9	99.9	999.9	55.5	48.
55.2	133.0	16487.6	100.0	-71.9	-49.9	240.9	16.5	14.4	6.0	388.8	339.9	99.9	999.9	60.2	47.
60.9	141.0	18185.0	75.0	-68.6	-49.9	210.5	12.7	6.5	11.0	429.1	339.9	99.9	999.9	64.2	48.
68.7	149.0	20661.7	50.0	-63.1	-49.9	109.5	3.7	-3.5	1.2	494.8	339.9	99.9	999.9	64.8	47.
81.2	157.3	25033.0	25.0	-50.0	-49.9	146.1	2.8	-1.6	2.3	641.5	339.9	99.9	999.9	63.9	46.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEX
27 APRIL 1975
1715 GMT

TIME MIN	ENCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX 3TO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	9.6	399.0	962.9	25.9	17.6	180.0	10.6	0.0	10.6	304.1	340.5	13.5	61.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	10.6	517.5	950.0	23.7	15.5	173.8	15.2	-1.6	15.1	302.8	334.6	11.8	60.1	0.4	352.
1.2	12.9	749.9	925.0	21.0	15.2	176.1	15.2	-1.0	15.1	302.4	334.3	11.8	69.3	1.0	353.
1.9	15.2	866.7	900.0	18.5	15.2	179.7	15.6	-0.1	15.6	302.2	335.0	12.2	81.4	1.7	355.
2.7	17.3	1228.5	875.0	16.6	14.5	185.0	17.5	1.5	17.4	302.8	335.3	12.0	86.5	2.5	357.
3.7	19.7	1476.1	850.0	17.2	14.5	182.6	25.2	5.5	24.6	305.3	328.3	8.3	54.8	3.7	1.
4.9	22.0	1731.6	825.0	18.1	0.9	198.1	27.3	8.5	26.0	308.4	322.8	5.0	31.2	5.6	6.
6.0	24.4	1994.4	800.0	15.9	7.6	199.9	26.2	8.9	24.6	309.3	322.5	8.2	57.6	7.3	9.
7.8	29.3	2263.7	775.0	14.2	4.6	197.2	27.1	8.0	25.9	310.1	320.9	6.9	52.5	8.7	11.
8.8	32.0	2540.7	750.0	15.8	-39.6	202.9	23.9	9.0	21.3	313.8	319.4	0.2	1.1	10.1	12.
9.7	34.7	2837.2	725.0	14.7	-19.5	203.8	22.9	9.2	20.9	315.7	319.4	1.1	7.8	11.4	14.
10.7	37.1	3122.3	700.0	12.1	-5.7	201.7	21.1	7.6	19.6	317.4	327.4	3.6	26.6	12.7	15.
11.8	40.0	3425.7	675.0	10.1	-6.6	197.5	18.0	5.4	17.2	317.4	328.0	3.5	30.2	13.8	15.
12.8	42.6	3734.3	650.0	8.2	-10.3	196.2	17.2	4.4	16.0	318.5	327.0	2.7	25.8	14.9	15.
14.0	45.4	4060.6	625.0	5.7	-11.8	191.3	16.9	3.3	16.5	319.3	327.1	2.5	27.0	16.0	15.
15.0	48.4	4392.9	600.0	3.2	-10.6	184.9	16.0	2.5	15.8	320.1	326.0	2.6	35.5	17.1	15.
16.3	51.3	4736.3	575.0	0.2	-6.1	184.5	17.2	4.3	16.6	320.6	331.9	3.6	53.9	18.2	14.
17.5	54.4	5091.0	550.0	-3.0	-7.3	194.3	18.5	5.8	17.6	321.1	333.6	4.1	72.4	19.5	15.
18.8	57.4	5457.9	525.0	-6.4	-7.5	202.1	22.2	8.4	20.6	321.3	336.0	4.1	91.4	20.7	15.
20.1	60.6	5836.0	500.0	-9.4	-11.6	208.9	26.9	13.0	23.5	322.0	331.9	2.1	83.7	22.8	16.
21.1	63.1	6212.4	475.0	-12.8	-14.9	213.6	25.3	14.0	21.1	322.3	330.4	2.5	84.4	25.0	17.
22.3	67.4	7070.8	425.0	-20.9	-27.9	212.2	23.1	12.3	19.5	323.2	330.8	2.4	99.6	26.3	18.
24.3	70.8	7516.4	400.0	-24.3	-35.8	211.7	27.3	14.4	23.3	323.5	325.1	0.5	53.1	27.9	19.
26.0	74.6	7983.7	375.0	-27.7	-42.3	213.5	24.0	13.3	25.0	324.9	325.8	0.2	35.5	31.0	20.
27.6	78.5	8476.7	350.0	-30.6	-43.7	211.4	24.4	15.3	25.1	327.4	328.2	0.2	26.2	36.0	22.
29.5	82.4	8959.3	325.0	-34.3	-45.7	214.4	33.1	18.7	27.3	329.3	330.1	0.2	30.2	36.6	23.
31.4	86.5	9555.0	300.0	-37.7	-49.3	210.0	37.2	18.6	31.9	334.7	332.7	0.1	28.3	43.1	24.
33.3	91.2	10150.5	275.0	-41.8	99.9	215.5	40.8	25.4	33.7	336.3	336.3	99.9	99.9	47.7	25.
35.2	95.7	10789.7	250.0	-46.9	99.9	215.1	41.1	23.6	33.7	336.3	336.3	99.9	99.9	52.9	26.
37.6	100.8	11479.6	225.0	-51.8	99.9	233.2	38.1	30.5	22.9	336.2	336.2	99.9	99.9	57.3	28.
40.0	106.3	12233.5	200.0	-56.7	99.9	99.9	99.9	99.9	99.9	342.9	342.9	99.9	99.9	99.9	99.9
42.6	112.0	13064.4	175.0	-64.0	99.9	99.9	99.9	99.9	99.9	344.4	344.4	99.9	99.9	99.9	99.9
45.7	116.5	13598.2	150.0	-67.4	99.9	232.9	42.3	33.8	25.6	354.0	354.0	99.9	99.9	78.2	34.
49.3	125.8	15109.5	125.0	-61.5	99.9	216.3	24.8	15.4	19.5	343.7	343.7	99.9	99.9	84.4	35.
53.7	133.7	16471.9	100.0	-66.3	99.9	210.5	5.7	2.9	4.9	390.6	390.6	99.9	99.9	88.4	35.
59.1	141.7	18205.7	75.0	-67.2	99.9	208.5	13.8	6.6	12.2	432.0	432.0	99.9	99.9	91.6	35.
64.1	150.3	20492.0	50.0	-62.9	99.9	179.4	8.7	-0.1	8.7	495.4	495.4	99.9	99.9	93.6	36.
77.2	159.0	25106.1	25.0	-50.3	99.9	212.3	1.4	0.7	1.2	630.9	630.9	99.9	99.9	92.9	32.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEX
27 APRIL 1975
1715 GMT

STATION NO. 261
DEL RIO, TEX

27 APRIL 1975
1715 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCY	RANGE KM	AZ DG
0.0	0.0	314.0	971.6	25.2	20.0	130.0	8.8	-6.7	5.7	302.9	344.0	15.4	73.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	10.8	512.1	950.0	23.3	20.3	134.2	12.9	-9.2	8.9	303.0	345.6	16.0	83.2	0.6	315.0
1.7	13.3	745.8	525.0	20.6	19.7	134.3	12.2	-8.1	9.1	302.5	344.7	15.8	94.4	1.3	315.0
2.6	15.8	982.1	900.0	19.2	18.7	163.3	10.7	-3.1	10.3	303.3	344.3	15.3	97.3	1.8	319.0
3.5	18.2	1225.4	875.0	18.6	18.3	185.9	9.8	1.0	9.8	305.3	346.7	15.3	97.1	2.3	324.0
4.4	20.7	1475.2	850.0	20.2	18.9	199.5	9.5	3.2	8.9	308.5	332.7	8.6	50.1	2.7	336.0
5.3	23.3	1732.7	825.0	20.3	-16.8	220.8	7.1	4.6	5.4	310.3	316.2	2.0	10.9	3.0	342.0
6.2	25.9	1997.1	800.0	19.6	-38.0	245.5	4.5	7.7	3.5	312.0	312.7	0.2	1.0	3.2	350.0
7.3	28.7	2268.5	775.0	17.9	-39.0	247.1	10.0	9.2	3.9	313.1	313.7	0.2	1.0	3.3	359.0
8.3	31.4	2547.1	750.0	15.7	-39.1	240.1	10.6	9.2	5.3	317.6	314.2	0.2	1.1	3.6	3.0
9.5	34.3	2833.0	725.0	14.3	-39.3	228.2	13.5	10.1	9.0	315.1	315.7	0.2	1.2	4.2	16.0
10.6	37.1	3127.7	700.0	12.6	-42.2	219.4	16.2	10.3	12.5	316.4	316.9	0.1	1.0	5.2	22.0
11.8	40.0	3431.1	675.0	10.8	-43.3	215.9	16.5	9.7	13.3	317.8	318.2	0.1	1.0	6.4	28.0
12.8	42.9	3743.5	650.0	7.8	-42.8	222.0	16.6	11.1	12.4	317.7	321.0	0.1	1.3	7.4	26.0
13.9	45.9	4048.7	625.0	5.4	-26.8	225.7	19.8	14.2	13.6	318.7	321.0	0.7	7.6	8.4	29.0
15.0	49.0	4390.2	600.0	2.7	-19.3	225.6	21.9	15.6	15.3	319.4	323.9	1.4	17.9	9.8	31.0
16.2	52.0	4738.4	575.0	-0.6	-19.7	221.1	24.5	16.1	16.4	319.5	324.0	1.4	21.8	11.4	33.0
17.4	55.2	5091.6	550.0	-3.7	-19.3	215.4	24.1	14.0	19.7	316.9	324.8	1.5	28.4	13.2	34.0
18.7	58.5	5437.8	525.0	-6.4	-12.9	208.9	23.2	10.5	20.7	321.1	329.6	2.7	59.8	15.0	33.0
19.9	61.9	5837.4	500.0	-9.2	-13.1	202.4	23.6	9.0	21.8	322.1	330.9	2.8	73.1	16.8	32.0
21.3	65.3	6232.1	475.0	-12.6	-16.4	206.0	24.6	10.8	22.7	322.7	329.9	2.2	72.9	18.7	32.0
22.6	68.9	6642.2	450.0	-16.2	-19.6	208.5	24.0	11.5	21.1	323.0	328.9	1.8	75.2	20.6	31.0
24.0	72.3	7069.5	425.0	-19.9	-38.0	217.0	25.0	15.1	20.0	323.5	324.7	0.4	18.9	22.7	31.0
25.8	76.3	7516.9	400.0	-22.6	-44.1	216.7	29.9	18.7	23.3	325.6	326.3	0.2	12.1	25.4	32.0
27.6	80.3	7947.8	375.0	-25.5	-48.7	219.0	29.7	18.7	23.1	327.7	328.2	0.1	9.3	26.8	33.0
29.3	84.3	8464.8	350.0	-29.1	-47.3	215.6	32.1	18.7	26.1	329.4	330.0	0.1	15.5	31.8	33.0
31.0	88.5	9012.9	325.0	-31.6	-43.9	218.6	34.2	21.4	26.8	333.0	333.9	0.2	24.4	35.5	34.0
32.7	93.0	9573.3	300.0	-36.5	-45.2	216.8	35.3	21.0	28.3	333.9	334.8	0.2	39.7	38.8	34.0
34.7	97.6	10176.7	275.0	-40.9	-49.9	222.8	35.5	24.1	28.0	336.0	336.9	99.9	99.9	43.0	34.0
36.9	102.5	10813.1	250.0	-45.7	-49.9	229.4	35.4	26.9	23.1	338.2	339.9	99.9	99.9	47.6	34.0
39.1	107.8	11507.4	225.0	-50.2	-49.9	224.0	41.4	28.8	29.8	341.6	341.6	99.9	99.9	53.0	37.0
41.4	113.5	12267.2	200.0	-55.7	-49.9	229.8	39.4	30.1	25.4	344.5	344.5	99.9	99.9	58.4	38.0
43.7	119.3	13102.0	175.0	-61.3	-49.9	241.7	45.3	39.6	21.4	345.4	345.4	99.9	99.9	64.2	39.0
46.9	126.0	14034.8	150.0	-68.9	-49.9	244.2	47.4	42.7	20.6	351.5	351.5	99.9	99.9	72.9	43.0
50.1	133.3	15123.8	125.0	-69.8	-49.9	243.1	29.2	26.0	13.2	368.5	368.5	99.9	99.9	80.1	44.0
54.7	140.7	16463.7	100.0	-68.6	-49.9	230.9	27.7	21.5	17.5	395.3	395.3	99.9	99.9	87.1	46.0
60.3	148.7	18187.6	75.0	-63.1	-49.9	222.2	13.4	9.0	9.9	434.3	434.3	99.9	99.9	92.0	45.0
68.0	157.3	20673.8	50.0	-60.1	-49.9	94.5	5.1	-5.1	0.4	501.9	501.9	99.9	99.9	94.2	45.0
80.0	166.3	25080.7	25.0	-50.9	-49.9	217.6	3.1	1.9	2.4	638.8	638.8	99.9	99.9	94.1	44.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEX

27 APRIL 1979
1716 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	12.4	873.0	909.2	26.7	4.5	245.0	9.8	8.9	4.1	308.9	325.7	5.8	24.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	13.3	962.7	900.0	26.1	6.2	258.5	11.2	11.0	2.2	309.4	328.4	6.6	28.0	0.3	65.
1.0	13.4	1209.4	875.0	23.1	4.7	249.9	10.7	10.1	3.7	308.6	326.1	6.1	30.2	3.6	70.
2.1	15.6	1460.6	850.0	20.9	4.3	246.9	9.7	8.1	5.3	308.9	326.5	6.1	33.4	1.3	63.
3.1	20.0	1717.7	825.0	18.5	2.3	245.0	11.5	10.4	4.8	308.9	326.5	6.1	33.4	1.3	63.
3.9	22.1	1980.5	800.0	16.6	-1.2	247.5	13.9	12.9	5.3	309.4	322.3	4.4	29.6	2.5	64.
5.0	22.6	2249.9	775.0	15.0	-4.2	246.8	14.3	13.1	5.6	310.4	321.2	3.6	24.2	3.4	64.
5.9	26.8	2526.3	750.0	13.1	-5.3	239.8	13.7	11.8	6.9	311.3	321.6	3.4	27.2	4.2	65.
7.1	28.4	2809.8	725.0	10.5	-6.8	230.8	13.3	10.3	6.4	311.4	321.0	3.2	29.0	5.1	63.
8.1	31.9	3100.9	700.0	8.5	-8.0	232.0	15.7	12.3	9.7	312.3	321.3	3.0	30.1	5.9	61.
9.0	34.6	3400.1	675.0	6.1	-11.3	235.8	18.4	15.3	10.4	312.7	320.1	2.4	27.4	6.9	60.
10.0	37.1	3738.1	650.0	4.1	-13.8	234.1	22.3	17.9	12.9	313.9	320.2	2.0	25.6	8.1	60.
11.1	39.9	4025.6	625.0	1.5	-12.7	228.8	25.5	19.9	17.4	314.5	321.7	2.3	33.7	9.4	58.
12.2	42.4	4353.3	600.0	-0.8	-14.3	229.0	29.6	22.4	19.4	315.4	322.0	2.1	35.0	11.5	57.
13.6	45.4	4691.6	575.0	-3.5	-14.4	224.5	31.0	21.7	22.1	316.1	323.0	2.2	42.5	14.0	55.
14.9	48.4	5041.5	550.0	-5.9	-15.2	215.7	32.6	19.0	26.4	317.3	324.0	2.1	47.4	16.6	53.
16.1	51.1	5404.0	525.0	-8.8	-17.6	209.4	31.5	15.5	27.5	318.0	323.9	1.8	48.6	18.8	50.
17.5	54.3	5779.9	500.0	-11.8	-20.8	208.1	32.7	15.4	28.8	318.8	323.5	1.5	47.1	21.1	48.
18.8	57.4	6170.8	475.0	-4.4	-21.0	208.4	31.2	14.9	27.5	320.3	325.2	1.5	56.7	23.6	46.
20.2	60.8	6578.4	450.0	-17.7	-23.5	208.5	34.2	16.3	30.1	321.0	325.2	1.3	60.6	26.3	44.
21.8	63.3	7002.9	425.0	-21.4	-27.2	211.1	34.9	18.0	30.5	321.6	324.8	1.0	59.5	29.4	42.
23.5	67.7	7447.0	400.0	-25.0	-33.8	213.6	36.6	20.3	30.5	322.4	324.3	0.5	43.5	32.9	41.
25.1	71.3	7913.8	375.0	-27.5	-31.2	214.9	40.7	23.3	37.4	325.2	327.8	0.7	70.3	36.5	40.
26.9	75.2	8407.8	350.0	-30.4	-32.8	213.1	44.7*	24.4	37.5	327.8	330.2	0.4	74.8	41.3	40.
28.6	79.3	8930.8	325.0	-34.4	-39.0	209.5	44.9*	22.1	39.1	329.3	330.7	0.4	62.5	45.7	39.
30.1	83.4	9484.8	300.0	-39.4	99.9	206.4	43.3*	20.6	38.1	329.9	330.7	99.9	99.9	49.6	38.
31.9	87.8	10073.4	275.0	-44.9	99.9	209.6	52.4*	25.8	45.6	330.1	999.9	99.9	99.9	54.6	37.
34.1	92.6	10703.6	250.0	-49.5	99.9	214.5	47.8*	27.1	39.3	332.5	999.9	99.9	99.9	61.6	37.
36.3	97.6	11366.0	225.0	-53.2	99.9	222.2	51.0*	34.3	37.8	337.0	999.9	99.9	99.9	67.6	37.
38.9	103.2	12137.3	200.0	-58.8	99.9	224.5	62.2*	43.6	44.3	339.7	999.9	99.9	99.9	76.5	36.
41.5	109.3	12969.9	175.0	-61.1	99.9	230.1	49.4*	37.9	31.6	349.1	999.9	99.9	99.9	84.1	36.
44.3	115.6	13931.3	150.0	-60.9	99.9	228.6	61.9*	46.4	40.9	365.1	999.9	99.9	99.9	91.9	40.
47.5	123.3	15054.7	125.0	-61.2	99.9	211.5	26.6*	13.9	22.7	378.1	999.9	99.9	99.9	99.9	40.
51.4	132.0	16410.3	100.0	-62.7	99.9	229.9	25.1*	19.2	16.1	406.5	999.9	99.9	99.9	107.8	39.
55.7	141.5	18161.3	75.0	-64.2	99.9	56.8	12.6*	-10.6	-6.9	438.3	999.9	99.9	99.9	109.8	40.
62.8	152.0	20668.6	50.0	-61.4	99.9	18.1	22.9*	-7.1	-21.8	458.8	999.9	99.9	99.9	111.7	39.
78.6	168.0	25096.9	25.0	-50.3	99.9	74.9	3.9	-3.7	-1.0	640.1	999.9	99.9	99.9	108.9	38.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIM HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 270
EL PASO, TEX27 APRIL 1975
1800 GMT

TIME MIN	CNCT	HEIGHT GPM	PHES WB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	15.5	119.0	87.9	15.4	-9.5	280.0	10.2	10.0	-1.8	299.5	305.7	2.1	17.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	17.2	1249.5	875.0	12.1	-12.6	250.8	7.2	6.8	2.4	297.6	301.5	1.7	16.4	0.2	131.
1.1	15.6	1400.7	850.0	9.2	-13.4	254.2	9.2	8.9	2.5	296.0	300.7	1.6	18.6	0.5	95.
1.9	21.9	1736.9	825.0	7.0	-14.3	275.6	8.3	6.3	-0.8	294.2	300.7	1.5	20.2	0.9	88.
2.6	24.5	1988.6	800.0	4.7	-15.2	288.0	8.1	7.7	-2.5	296.3	300.6	1.5	22.0	1.2	93.
2.7	28.9	2245.5	775.0	2.1	-15.7	307.5	6.4	5.1	-3.9	296.2	300.5	1.4	25.3	1.7	100.
4.7	29.6	2509.4	750.0	-0.4	-17.7	296.0	12.1	10.9	-5.3	296.3	300.1	1.3	25.5	2.1	105.
5.5	32.2	2779.5	725.0	-2.2	-19.3	277.2	16.5	16.3	-2.1	297.2	300.7	1.1	25.6	2.9	108.
6.3	35.0	3056.9	700.0	-4.0	-19.2	255.7	21.7	21.0	5.4	294.2	301.8	1.2	29.5	3.6	101.
7.4	37.6	3744.3	675.0	-3.3	-15.3	253.0	25.8	24.7	7.5	302.0	304.3	0.7	16.3	5.1	92.
8.7	40.4	3842.0	650.0	-4.8	-16.4	252.3	25.6	24.4	7.8	303.6	305.7	0.7	16.4	7.2	87.
9.8	43.1	3943.4	625.0	-6.4	-27.7	248.1	29.6	27.4	11.0	305.1	307.1	0.3	16.5	8.8	83.
10.8	46.0	4268.0	600.0	-7.5	-28.5	251.8	31.4	29.8	9.8	307.5	309.5	0.6	16.6	10.7	81.
11.7	50.0	4598.9	575.0	-8.8	-29.5	252.8	31.5	30.0	9.3	309.7	311.6	0.6	16.7	12.3	80.
12.7	51.9	4842.0	550.0	-10.5	-31.4	251.1	31.9	30.1	10.3	311.6	313.3	0.5	15.9	14.3	79.
13.9	55.1	5238.7	525.0	-12.8	-33.3	250.0	33.9	31.8	11.6	313.0	314.5	0.4	16.0	16.4	78.
15.2	57.1	5644.4	500.0	-15.9	-35.6	251.0	32.5	30.7	10.6	313.7	314.9	0.4	16.4	19.2	77.
16.7	61.6	6052.6	475.0	-19.0	-37.6	246.9	31.3	28.8	12.3	314.6	315.4	0.3	17.5	22.1	76.
18.2	65.1	6452.0	450.0	-22.8	-40.6	240.7	31.1	27.1	15.2	314.6	315.4	0.2	17.7	24.6	75.
19.5	68.4	6868.1	425.0	-26.4	-43.5	239.5	34.8	29.9	17.7	315.1	315.8	0.2	18.0	27.1	73.
20.7	72.0	7303.5	400.0	-28.2	-45.0	232.5	40.1	31.6	24.4	314.3	316.9	0.2	18.1	29.7	72.
22.3	75.9	7764.4	375.0	-31.2	-47.0	229.7	45.4	34.6	29.4	320.2	320.7	0.1	19.2	33.7	69.
24.3	79.9	8250.9	350.0	-33.4	-48.2	227.3	50.3	38.1	32.8	323.6	324.1	0.1	20.8	34.3	68.
26.4	84.0	8767.7	325.0	-36.0	-50.4	227.7	49.3	36.5	33.2	326.9	327.4	0.1	20.9	45.1	64.
28.1	88.2	9319.2	300.0	-40.1	-50.9	226.0	51.0	36.7	35.5	328.9	329.9	0.1	20.9	50.0	62.
29.5	92.8	9837.1	275.0	-45.2	-52.2	226.2	58.0	41.8	40.1	329.8	329.9	0.1	20.9	54.7	61.
31.2	97.6	10336.9	250.0	-49.3	-54.9	227.7	54.1	40.0	36.4	332.8	332.8	0.1	20.9	59.8	59.
33.4	102.6	11221.5	225.0	-53.5	-56.9	224.9	53.2	37.5	37.7	336.6	336.6	0.1	20.9	66.9	58.
35.9	108.3	11972.5	200.0	-58.4	-59.9	230.7	49.5	38.3	31.3	343.5	343.5	0.1	20.9	75.4	57.
38.4	116.3	12812.3	175.0	-59.3	-59.9	235.2	60.6	49.8	34.6	352.1	352.1	0.1	20.9	85.3	56.
41.3	126.8	13787.0	150.0	-57.7	-57.9	247.3	30.9	28.5	11.9	370.7	370.7	0.1	20.9	89.5	56.
144.7	128.0	14940.6	125.0	-58.4	-58.4	235.4	40.8	33.2	22.9	389.3	389.3	0.1	20.9	95.4	56.
46.3	135.8	15338.9	100.0	-61.7	-59.9	171.3	7.5	-1.1	7.4	406.6	406.6	0.1	20.9	101.1	56.
53.2	143.7	18096.5	75.0	-60.7	-59.9	19.1	7.4	-2.4	-7.0	445.7	445.7	0.1	20.9	104.1	55.
60.8	172.3	20023.7	50.0	-57.9	-59.9	200.7	9.9	3.5	9.2	507.1	507.1	0.1	20.9	105.6	55.
73.0	161.7	25063.4	25.0	-51.7	-59.9	81.5	5.8	-5.7	-0.8	636.4	636.4	0.1	20.9	104.6	54.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 127
NASHVILLE, TENN
27 APRIL 1975
1715 GMT

TIME MIN	CNTCT	WEIGHT GMM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 7 DG K	E POT DG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	4.8	180.0	598.2	25.0	15.0	90.0	3.1	-3.1	0.0	299.8	328.9	10.9	54.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	6.5	385.3	75.0	22.4	12.6	99.9	99.9	99.9	99.9	290.0	324.8	9.6	54.6	99.9	99.9
1.4	8.9	610.9	550.0	20.7	11.7	99.9	99.9	99.9	99.9	290.5	324.2	9.2	55.2	99.9	99.9
2.1	11.1	841.3	525.0	19.9	11.6	177.4	6.0	-0.3	6.0	300.9	326.3	9.4	55.8	0.7	355.
3.0	13.5	1077.4	500.0	18.5	11.8	206.8	5.8	2.6	5.1	301.0	328.4	9.7	65.0	1.0	1.0
3.8	15.8	1319.6	875.0	16.3	11.4	214.2	6.0	3.4	5.0	302.1	327.9	9.8	72.7	1.2	9.0
4.4	18.3	1564.9	850.0	14.0	10.5	211.7	5.6	3.0	4.8	302.1	327.9	9.5	79.4	1.5	13.0
5.4	20.7	1810.8	825.0	12.9	9.1	224.7	4.9	3.6	3.2	303.4	326.2	8.3	72.6	1.7	17.0
6.3	23.2	2075.0	800.0	11.5	1.3	231.1	5.4	4.2	3.4	304.1	319.1	5.3	49.6	2.0	21.0
7.2	25.7	2340.0	775.0	9.6	4.3	239.4	5.0	4.3	2.5	305.0	324.0	6.8	70.0	2.2	25.0
8.1	28.3	2611.6	750.0	7.7	3.6	258.4	4.2	4.2	0.9	305.8	324.5	6.6	75.5	2.4	29.0
9.0	31.1	2890.6	725.0	6.1	2.1	270.0	5.0	5.0	0.0	307.0	324.6	6.2	75.6	2.5	34.0
10.0	34.0	3177.5	700.0	4.9	-0.3	277.2	6.5	6.4	-0.6	308.5	320.1	4.0	51.0	2.7	39.0
10.9	36.6	3474.7	675.0	4.6	-11.8	275.0	6.7	6.3	-0.7	311.1	318.2	7.3	29.3	2.9	47.0
11.9	39.6	3781.9	650.0	3.8	-14.3	273.1	9.1	9.1	-0.5	313.5	319.6	2.0	25.3	3.4	54.0
13.0	42.4	4098.1	625.0	1.3	-11.6	283.7	9.7	9.4	-2.3	314.2	322.0	2.5	37.7	3.8	60.0
14.0	45.4	4426.2	600.0	-1.0	-19.1	285.8	12.3	11.8	-3.3	315.1	319.6	1.4	23.8	4.3	66.0
15.1	48.6	4754.1	575.0	-3.5	-24.4	286.4	13.6	13.0	-3.8	315.9	315.0	0.9	18.0	5.0	72.0
16.1	51.6	5113.7	550.0	-6.3	-14.7	286.0	13.9	13.2	-4.3	316.9	323.9	2.2	51.6	5.7	77.0
17.1	54.0	5476.1	525.0	-8.4	-10.2	294.3	15.1	13.8	-6.2	318.5	325.0	2.0	53.0	6.5	82.0
18.2	56.3	5853.3	500.0	-10.8	-17.3	304.3	14.6	11.7	-8.6	320.1	326.4	2.0	58.5	7.3	87.0
19.6	61.9	6344.4	475.0	-13.9	-19.3	311.4	15.4	11.5	-10.2	320.9	326.6	1.8	64.0	8.2	92.0
21.0	65.4	6849.9	450.0	-16.0	-27.2	308.0	17.3	13.6	-10.6	323.2	326.3	0.9	37.1	9.3	98.0
22.5	69.2	7362.8	425.0	-19.2	-28.5	293.5	16.6	15.2	-7.1	324.4	327.3	0.8	43.0	10.6	101.0
23.9	73.0	7831.6	400.0	-21.6	-32.0	292.1	18.5	17.1	-7.1	326.9	329.1	0.6	38.2	12.2	102.0
25.3	77.0	8304.0	375.0	-24.8	-32.0	305.5	19.4	15.8	-11.3	328.8	331.2	0.7	50.7	13.9	104.0
27.1	81.2	8801.7	350.0	-28.2	-35.7	317.0	20.4	13.6	-14.9	329.4	331.2	0.5	53.0	15.6	107.0
28.8	85.5	9325.7	325.0	-33.7	-39.1	326.6	21.9	12.1	-14.2	330.2	331.6	0.4	49.1	17.3	111.0
30.5	90.0	9842.6	300.0	-38.2	-44.4	316.6	20.3	13.9	-14.8	331.5	332.4	0.2	51.3	19.3	115.0
32.5	95.0	10175.4	275.0	-42.6	-49.9	309.8	14.2	14.1	-11.6	333.5	333.5	99.9	99.9	21.7	117.0
34.8	100.2	10811.4	250.0	-47.9	-54.9	312.6	19.7	14.6	-13.2	334.9	334.9	99.9	99.9	23.9	118.0
37.2	105.6	11444.8	225.0	-53.1	-59.9	314.7	25.4	18.1	-17.9	337.1	337.1	99.9	99.9	27.2	120.0
40.0	111.5	12246.7	200.0	-59.5	-64.9	313.3	26.2	19.1	-17.9	338.6	338.6	99.9	99.9	31.4	122.0
43.1	116.0	13070.1	175.0	-65.5	-69.9	304.4	33.1	27.1	-16.7	341.8	341.8	99.9	99.9	37.1	123.0
47.8	125.0	13994.9	150.0	-71.5	-74.9	307.3	27.1	21.6	-16.4	346.9	346.9	99.9	99.9	43.2	124.0
50.3	132.3	15080.8	125.0	-67.2	-69.9	305.0	25.7	21.1	-14.7	353.3	353.3	99.9	99.9	48.8	124.0
54.0	140.0	16435.0	100.0	-67.3	-69.9	319.3	21.9	14.2	-14.7	359.9	359.9	99.9	99.9	56.0	125.0
61.1	148.0	18189.1	75.0	-64.0	-69.9	349.6	10.1	1.6	-9.9	432.1	432.1	99.9	99.9	61.9	127.0
59.2	156.3	20700.0	50.0	-50.4	-69.9	69.2	5.9	-5.5	-2.1	505.9	505.9	99.9	99.9	62.9	129.0
83.8	164.7	25149.9	25.0	-50.5	-69.9	123.9	7.1	-5.9	-4.0	640.0	640.0	99.9	99.9	69.9	132.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE JR TIME HAVE BEEN INTERPOLATED
00 B. SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARK
27 APRIL 1975
1730 GMT

TIME MFI	CNTCY	HEIGHT GPN	PRES MP	TEMP CG C	DEW PT DI C	DIR DG	SPEED M/SEC	COMP M/SEC	V COMP M/SEC	POY T DG K	E POT T DG K	M: RYO GM/EG	PH PCT	RANGE KM	AZ DG
0.0	5.5	79.0	1006.4	27.2	20.0	200.0	2.6	0.9	2.4	301.3	341.4	14.9	65.0	0.0	0.
0.7	5.9	135.5	1000.0	26.1	18.3	176.9	1.4	-0.1	1.4	301.1	344.9	13.4	62.2	0.1	1.
0.8	7.8	352.3	975.0	24.0	17.4	167.6	1.4	-1.3	1.4	301.1	347.8	13.0	66.7	0.2	399.
1.0	10.0	550.1	950.0	21.6	16.7	162.7	1.2	-2.1	6.9	300.9	334.9	12.6	73.7	0.3	393.
2.4	11.9	816.3	925.0	19.5	15.3	151.2	0.2	0.2	4.1	300.9	332.7	11.9	74.3	0.7	350.
3.1	14.1	1052.1	900.0	17.7	14.6	147.5	10.5	1.4	10.5	301.3	333.3	11.9	83.3	1.1	356.
3.9	16.0	1293.1	875.0	16.9	11.8	129.3	15.5	2.5	15.3	307.7	329.9	10.0	71.6	1.7	0.
4.7	18.2	1540.7	850.0	16.4	8.2	103.1	16.8	3.8	16.4	304.5	324.9	8.1	59.1	2.5	4.
5.5	20.4	1744.7	825.0	15.3	5.3	192.4	15.9	3.4	15.5	303.7	324.8	6.8	51.3	3.3	6.
6.4	22.5	2054.9	800.0	13.5	4.6	149.5	16.3	2.7	16.1	306.4	325.3	6.7	55.1	4.2	7.
7.4	24.9	2321.4	775.0	11.5	3.3	191.9	15.3	3.2	15.0	307.	324.8	6.3	57.1	5.1	7.
8.3	27.0	2593.0	750.0	11.4	-6.7	197.8	14.0	4.3	13.3	309.3	317.3	2.6	23.4	6.9	8.
9.3	29.5	2878.5	725.0	11.9	-18.5	205.4	13.8	5.9	12.5	312.7	316.6	1.2	1.2	6.7	10.
10.2	31.9	3171.2	700.0	10.8	-16.4	212.6	14.2	7.4	11.9	314.6	319.4	1.5	13.2	7.4	12.
11.1	34.5	3472.7	675.0	8.3	-16.0	219.0	11.7	7.4	9.1	316.1	320.3	1.6	16.0	8.1	14.
12.0	36.6	3763.2	650.0	6.5	-13.8	227.3	9.4	7.2	6.7	316.6	323.0	2.0	21.8	8.6	16.
13.1	39.6	4133.4	625.0	4.0	-11.0	229.6	11.3	8.6	7.3	317.3	325.6	2.7	32.6	9.1	18.
14.1	42.0	4433.8	600.0	1.5	-8.8	233.3	12.0	9.6	7.2	318.2	328.3	3.3	46.1	9.7	21.
15.3	45.0	4775.1	575.0	-1.4	-6.5	236.3	13.1	10.1	8.4	318.7	328.7	3.2	54.1	10.5	23.
15.4	47.8	5128.0	550.0	-4.3	-10.6	239.0	12.4	8.9	8.7	319.4	329.0	3.1	61.2	11.3	25.
17.6	50.6	5493.1	525.0	-7.1	-12.0	217.2	11.3	6.7	9.0	320.2	329.4	2.9	68.0	12.1	26.
18.8	51.6	5871.4	500.0	-10.5	-15.5	204.6	9.9	4.1	9.0	320.4	327.7	2.3	66.7	12.9	26.
20.1	56.6	6263.9	475.0	-13.1	-21.4	158.7	10.9	4.7	9.9	321.2	325.9	1.5	51.7	13.7	26.
21.5	60.0	6672.2	450.0	-17.0	-24.6	218.0	14.1	6.7	11.1	321.9	326.1	1.3	56.4	14.7	27.
22.3	63.4	7039.6	425.0	-19.2	-22.5	232.5	16.7	13.2	10.1	324.5	327.4	1.5	74.9	15.9	28.
24.3	66.7	7548.2	400.0	-21.6	-32.3	248.7	16.5	15.3	6.0	326.9	329.2	0.7	39.9	17.1	31.
25.3	70.4	8020.9	375.0	-24.8	-45.3	253.0	19.3	16.5	5.6	328.7	329.4	0.2	13.9	18.4	34.
27.7	74.2	8519.4	350.0	-28.7	-50.2	260.0	15.3	15.7	2.8	330.0	330.4	0.1	10.5	19.9	37.
29.7	78.2	9044.7	325.0	-33.1	-52.5	265.9	18.0	17.9	1.3	331.0	331.3	0.1	12.2	21.1	41.
31.2	82.3	9632.3	300.0	-37.1	-46.1	260.2	19.3	14.0	3.3	332.4	333.1	0.2	38.1	22.6	45.
33.1	86.6	10197.6	275.0	-41.5	99.9	260.4	18.3	18.0	3.1	335.2	999.9	99.9	999.9	24.6	48.
35.1	91.4	10678.3	250.0	-46.0	99.9	265.1	17.1	17.1	1.5	337.6	999.9	99.9	999.9	26.2	50.
37.2	96.5	11529.5	225.0	-52.2	99.9	261.2	17.9	17.7	2.7	340.5	999.9	99.9	999.9	28.2	53.
39.6	102.2	12274.6	200.0	-59.2	99.9	263.3	14.5	18.4	2.1	339.0	999.9	99.9	999.9	30.4	55.
42.0	108.4	13102.3	175.0	-66.3	99.9	267.4	23.2	23.0	2.7	340.5	999.9	99.9	999.9	33.5	57.
44.9	115.5	14025.0	150.0	-70.5	99.9	252.6	20.5	25.3	8.0	346.7	999.9	99.9	999.9	37.5	59.
48.5	123.7	15127.0	125.0	-64.2	99.9	272.3	15.4	15.3	-1.4	338.6	999.9	99.9	999.9	42.1	62.
52.7	132.7	16480.1	100.0	67.2	99.9	279.1	13.6	15.4	-2.5	344.0	999.9	99.9	999.9	45.6	64.
57.7	142.0	18144.8	75.0	-59.4	99.9	104.6	7.6	5.1	-4.2	427.4	999.9	99.9	999.9	48.1	66.
64.9	152.3	23543.3	50.0	-60.4	99.9	103.3	5.4	-5.4	1.3	501.2	999.9	99.9	999.9	47.4	67.
76.0	162.7	25104.0	25.0	-51.9	99.9	104.3	6.4	-6.2	1.6	635.8	999.9	99.9	999.9	44.4	65.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE NOT BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION: OKLAHOMA CITY OKC

27 APRIL 1975
1715 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG F	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MI RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	8.0	392.0	962.1	23.3	17.1	160.0	11.4	-4.0	11.1	301.6	337.4	13.4	71.0	3.0	0.
0.5	9.0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.0	9.0	502.7	950.0	22.2	17.6	169.0	17.5	-3.2	17.2	301.5	337.4	13.5	75.1	3.5	35.0
1.5	11.0	734.1	925.0	19.6	16.9	169.5	18.1	-3.9	17.8	301.5	337.4	13.5	75.1	3.5	35.0
2.0	14.2	970.0	900.0	17.4	16.1	174.9	21.8	-3.9	21.7	301.2	337.4	13.3	84.7	1.6	35.0
2.5	16.3	1211.0	875.0	16.0	14.6	187.0	24.0	2.9	23.4	302.0	337.4	12.1	91.7	2.6	35.0
3.0	18.6	1457.9	840.0	15.3	12.9	200.2	27.8	9.6	26.1	303.7	337.4	11.1	85.0	5.3	35.0
3.5	20.6	1711.3	825.0	14.0	12.0	207.5	31.0	14.3	27.5	304.6	337.4	10.8	87.8	6.7	35.0
4.0	23.3	1711.4	805.0	13.2	12.9	213.3	31.2	17.2	25.1	306.0	337.4	11.1	97.1	10.2	18.0
4.5	25.7	2239.1	775.0	11.9	11.4	212.1	29.4	15.9	25.3	308.1	337.4	11.1	97.1	10.2	18.0
5.0	28.1	2514.0	750.0	10.9	10.3	208.0	30.1	14.2	26.5	304.8	337.4	10.6	96.4	12.0	17.0
5.5	30.8	2796.9	725.0	9.3	7.8	204.0	26.5	11.1	24.1	310.9	337.4	9.3	96.4	12.0	17.0
6.0	33.4	3098.2	700.0	9.3	2.3	198.0	26.5	7.7	23.4	313.9	337.4	8.5	96.4	12.0	17.0
6.5	35.9	3390.9	675.0	6.7	-5.3	194.7	27.9	7.0	26.8	317.0	337.4	3.9	96.4	12.0	17.0
7.0	38.0	3703.0	650.0	7.5	-0.5	190.9	26.8	5.0	26.1	317.9	337.4	3.1	96.4	12.0	17.0
7.5	41.4	4024.4	625.0	4.8	-7.0	190.6	27.2	5.0	26.7	318.4	337.4	3.7	96.4	12.0	17.0
8.0	44.3	4355.8	600.0	2.4	-14.8	194.4	27.6	6.9	26.7	319.2	337.4	1.9	96.4	12.0	17.0
8.5	47.4	4698.0	575.0	-0.4	-17.9	202.5	31.5	12.1	29.1	319.8	337.4	1.6	96.4	12.0	17.0
9.0	50.4	5051.4	550.0	-3.9	-17.2	206.9	28.9	13.0	25.7	319.6	337.4	1.8	96.4	12.0	17.0
9.5	53.4	5416.4	525.0	-7.3	-17.5	209.2	28.7	14.0	25.1	319.8	337.4	1.8	96.4	12.0	17.0
10.0	56.5	5794.4	500.0	-10.7	-19.9	210.4	35.1	17.8	30.3	320.2	337.4	1.3	96.4	12.0	17.0
10.5	59.9	6186.2	475.0	-14.3	-22.3	210.7	37.7	19.2	32.4	320.4	337.4	1.3	96.4	12.0	17.0
11.0	63.4	6593.3	450.0	-17.9	-31.9	212.9	30.5	16.6	25.6	320.8	337.4	0.6	96.4	12.0	17.0
11.5	66.9	7018.1	425.0	-20.8	-40.8	209.1	31.3	13.3	28.3	322.2	337.4	0.2	96.4	12.0	17.0
12.0	70.4	7463.9	400.0	-23.8	-44.9	202.2	29.6	11.2	27.4	324.1	337.4	0.2	96.4	12.0	17.0
12.5	74.3	7922.1	375.0	-27.0	-42.9	207.9	30.1	15.0	26.1	325.8	337.4	0.2	96.4	12.0	17.0
13.0	78.5	8426.0	350.0	-30.9	-43.3	211.2	40.7	21.1	34.6	327.0	337.4	0.2	96.4	12.0	17.0
13.5	82.6	8947.6	325.0	-34.9	-42.7	211.2	42.6	22.0	36.5	328.5	337.4	0.3	96.4	12.0	17.0
14.0	87.0	9501.4	300.0	-38.9	-46.0	219.6	28.6	18.1	21.9	330.5	337.4	0.2	96.4	12.0	17.0
14.5	91.8	10094.8	275.0	-43.2	-49.9	215.5	49.9	28.7	40.2	332.7	337.4	99.9	99.9	67.2	25.0
15.0	96.6	10728.8	250.0	-46.9	-49.9	212.0	48.7	25.8	41.3	333.3	337.4	99.9	99.9	72.3	26.0
15.5	102.0	11412.0	225.0	-54.0	-49.9	212.0	48.7	25.8	41.3	333.3	337.4	99.9	99.9	72.3	26.0
16.0	107.6	12159.6	200.0	-59.5	-49.9	224.5	50.0	35.0	35.6	338.5	337.4	99.9	99.9	86.2	29.0
16.5	113.7	12985.0	175.0	-63.6	-49.9	218.2	68.4	42.3	53.8	344.9	337.4	99.9	99.9	93.6	30.0
17.0	120.3	13929.5	150.0	-62.7	-49.9	238.7	14.7	12.6	7.7	362.1	337.4	99.9	99.9	101.7	31.0
17.5	127.8	15054.2	125.0	-63.8	-49.9	237.9	14.5	12.3	7.7	379.5	337.4	99.9	99.9	107.1	32.0
18.0	136.0	16423.8	100.0	-65.3	-49.9	215.1	16.8	9.4	13.4	401.5	337.4	99.9	99.9	112.4	33.0
18.5	144.0	18163.9	75.0	-65.0	-49.9	161.2	7.7	-2.5	7.3	436.7	337.4	99.9	99.9	115.2	33.0
19.0	153.0	20669.7	50.0	-60.4	-49.9	198.2	10.3	3.1	9.8	501.1	337.4	99.9	99.9	116.9	31.0
19.5	162.7	25094.2	25.0	-51.1	-49.9	114.3	8.6	-7.8	3.6	638.3	337.4	99.9	99.9	113.9	29.0

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEX27 APRIL 1975
1810 GMT

TIME MIN	CHTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MR 3TD CM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.8	1095.0	881.1	22.6	-1.5	240.0	16.7	14.5	8.4	107.2	318.6	3.9	20.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	15.3	1155.2	875.0	20.9	-1.6	226.3	16.6	10.7	12.6	105.9	317.3	3.9	22.2	0.0	64.
0.9	17.4	1404.3	850.0	19.5	-3.2	228.2	16.9	12.6	11.3	106.0	316.4	3.6	22.7	1.0	57.
1.6	19.7	1658.6	825.0	15.8	-4.4	239.2	20.6	17.7	10.6	105.7	315.5	3.3	24.6	2.0	56.
2.3	21.9	1919.2	800.0	13.2	-5.3	241.0	21.0	18.4	10.2	105.6	315.1	3.2	27.1	2.0	57.
3.2	24.3	2183.7	775.0	10.5	-6.0	245.7	20.2	17.6	9.9	105.5	314.8	3.2	30.6	4.0	59.
4.7	28.6	2455.5	750.0	9.1	-6.8	246.4	20.7	16.8	12.1	105.7	314.8	3.1	34.1	5.2	59.
5.0	29.1	2734.2	725.0	5.1	-8.6	229.9	24.6	18.9	15.9	106.5	314.7	2.8	33.8	6.3	58.
5.9	31.7	3020.4	700.0	3.7	-9.6	223.0	27.1	18.5	19.9	106.9	314.8	2.6	37.2	7.4	56.
6.7	34.3	3315.1	675.0	3.0	-12.8	208.1	27.5	13.4	24.0	109.2	315.7	2.1	35.2	8.8	53.
7.6	36.9	3619.8	650.0	1.1	-14.7	206.9	29.3	10.6	27.9	110.5	316.3	1.9	29.3	10.1	48.
8.6	39.6	3934.2	625.0	-0.7	-17.6	196.7	31.6	10.1	22.9	111.6	316.7	1.5	26.5	11.8	44.
9.6	42.2	4258.8	600.0	-3.4	-21.4	201.2	33.2	12.0	31.0	112.3	316.0	1.2	23.2	13.5	40.
10.5	45.1	4594.2	575.0	-4.8	-25.9	207.9	35.7	16.7	31.6	114.5	317.1	0.8	17.1	15.5	38.
11.4	48.1	4942.4	550.0	-7.2	-28.8	211.2	40.0	20.7	34.2	115.6	316.4	0.8	21.0	17.5	38.
12.5	50.9	5302.8	525.0	-10.7	-29.5	210.1	41.5	20.3	35.9	115.6	316.4	0.8	25.9	20.1	37.
13.6	53.0	5675.0	500.0	-13.5	-25.2	208.1	40.8	16.7	37.3	114.6	319.8	1.0	36.4	22.8	36.
14.8	55.0	6064.5	475.0	-16.2	-14.7	222.8	42.5	16.5	30.2	116.1	324.0	1.8	40.9	25.8	34.
16.1	58.3	6473.7	450.0	-18.5	-32.9	201.6	43.5	16.1	40.0	119.8	321.7	0.5	27.3	29.3	33.
17.4	61.4	6902.4	425.0	-21.5	-37.1	203.7	38.6	13.6	46.2	121.4	320.7	0.4	22.8	32.3	32.
18.0	67.1	7278.5	400.0	-24.0	-40.3	201.8	42.2	11.7	42.3	121.8	326.9	0.3	20.4	35.3	31.
19.9	70.8	7635.4	375.0	-27.1	-42.9	205.5	45.3	20.8	43.5	125.6	326.5	0.2	20.7	38.8	30.
21.2	74.7	8029.8	350.0	-30.8	-45.9	205.3	48.1	18.8	39.9	127.2	327.8	0.2	20.9	42.4	30.
22.5	78.7	8422.5	325.0	-34.2	-48.7	202.8	50.4	19.5	46.4	127.5	330.0	0.1	21.1	45.7	29.
24.1	82.8	8937.2	300.0	-38.1	-50.9	204.1	50.4	23.8	51.3	130.3	330.9	0.1	20.9	51.9	28.
25.5	87.0	9457.6	275.0	-38.7	-52.9	204.5	48.5	17.0	47.2	132.0	329.9	0.2	20.4	56.2	28.
27.3	91.8	10027.2	250.0	-35.6	-50.7	204.5	45.8	14.9	42.7	131.9	329.9	0.2	20.4	59.5	28.
29.1	95.8	11270.8	225.0	-34.1	-50.9	207.9	55.0	24.2	42.5	136.7	329.9	0.2	20.4	64.6	28.
31.1	102.0	12038.3	200.0	-36.2	-54.9	204.0	46.4	22.0	41.3	141.8	329.9	0.2	20.4	70.6	28.
33.2	108.3	12834.7	175.0	-35.5	-56.9	214.5	31.0	17.6	25.5	150.3	329.9	0.2	20.4	76.1	28.
35.5	114.8	13866.8	150.0	-37.1	-59.9	200.5	32.6	11.4	30.6	151.8	329.9	0.2	20.4	79.2	28.
38.1	122.0	15012.0	125.0	-39.3	-63.9	204.1	41.8	19.9	19.9	160.0	329.9	0.2	20.4	86.7	28.
41.6	130.7	16368.9	100.0	-42.9	-69.9	204.2	21.4	10.1	18.8	166.2	329.9	0.2	20.4	89.6	28.
45.8	140.0	18151.4	75.0	-42.8	-69.9	172.2	14.8	-2.0	14.7	141.2	329.9	0.2	20.4	93.8	27.
50.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
95.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, N MEX
27 APRIL 1975
1715 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	UIR DG	SPEED M/SEC	U CO P M/SEC	V COMD M/SEC	POT T DG K	E POT T DG K	MX QTO GM/KG	RM PCT	RANGE AZ KM	11. 0
00.0	20.4	1619.0	832.8	9.1	-5.9	290.0	12.9	12.1	-4.4	297.8	305.3	3.0	34.0	0.0	0
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.8	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.7	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.6	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.5	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05.4	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06.3	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
07.2	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
08.1	21.1	1696.3	825.0	5.2	-13.8	278.5	30.8	30.4	-3.1	294.3	298.0	1.6	23.8	0.3	102
09.0	23.5	1948.3	800.0	2.6	-14.6	278.1	21.3	21.3	-3.4	294.1	298.6	1.5	26.6	1.5	100
10.9	25.7	2202.2	775.0	0.8	-15.0	280.2	19.6	19.3	-3.5	294.8	299.3	1.5	29.5	2.3	100
11.8	28.1	2464.2	750.0	-1.7	-14.9	282.3	15.4	15.1	-3.3	295.0	299.7	1.6	35.6	2.9	100
12.7	30.7	2732.7	725.0	-4.7	-15.8	275.4	14.3	14.2	-1.4	294.5	298.0	1.5	41.3	3.4	100
13.6	33.2	3007.3	700.0	-7.7	-16.2	268.9	15.5	15.5	0.3	294.1	298.6	1.5	50.2	4.1	98
14.5	35.7	3295.0	675.0	-10.5	-16.6	268.0	17.4	17.4	0.6	294.1	298.6	1.5	61.1	4.9	97
15.4	38.3	3578.2	650.0	-12.9	-19.9	269.6	10.1	14.1	0.1	294.5	298.1	1.2	66.6	6.1	95
16.3	40.9	3875.9	625.0	-15.5	-20.3	268.5	17.1	17.0	1.6	294.8	298.4	1.2	74.4	7.4	94
17.2	43.7	4182.9	600.0	-17.9	-25.6	257.5	16.0	15.3	4.5	295.5	298.0	0.8	82.1	8.4	92
18.1	46.6	4496.9	575.0	-20.3	-32.2	247.6	15.4	14.2	5.9	296.3	297.7	0.4	92.4	9.2	90
19.0	49.6	4827.5	550.0	-23.1	-35.1	247.2	16.0	14.7	6.2	296.7	297.8	0.3	102.2	10.0	88
20.9	52.4	5155.8	525.0	-26.5	-37.8	246.2	17.4	15.9	7.0	296.6	297.5	0.3	112.2	10.9	86
21.8	55.4	5516.3	500.0	-29.6	-38.6	243.9	20.2	18.1	8.9	296.9	297.8	0.3	121.2	11.1	84
22.7	58.5	5890.2	475.0	-31.8	-41.6	240.0	25.5	22.1	12.7	298.5	297.2	0.2	130.0	13.4	82
23.6	61.9	6290.4	450.0	-33.8	-45.3	238.2	33.7	28.6	17.8	300.7	301.2	0.1	14.3	15.4	79
24.5	65.3	6663.4	425.0	-35.3	-49.6	228.0	43.5	32.3	25.1	308.9	308.2	0.1	15.3	16.0	74
25.4	68.7	7092.5	400.0	-38.9	-51.2	227.9	50.4	37.4	33.8	313.5	313.8	0.1	12.5	23.6	68
26.3	72.1	7548.1	375.0	-38.8	-51.9	226.6	71.4	36.7	35.9	318.1	318.4	0.1	12.6	27.5	62
27.2	76.0	8032.0	350.0	-38.8	-53.5	223.6	53.2	36.7	38.5	321.7	321.7	0.1	12.6	27.5	62
28.1	80.0	8547.4	325.0	-37.2	-55.3	223.6	53.4	37.5	38.0	325.3	325.6	0.1	13.1	31.1	59
29.0	84.0	9098.6	300.0	-39.4	-56.9	217.9	48.0	20.5	37.9	329.8	330.0	0.1	13.3	34.2	57
30.9	88.3	9695.2	275.0	-39.7	-57.2	224.8	42.3	29.8	37.0	337.7	337.9	0.1	13.3	39.4	55
31.8	93.2	10346.7	250.0	-40.9	-59.9	216.7	34.8	20.7	37.8	345.2	345.2	0.1	13.3	43.4	53
32.7	98.0	11057.9	225.0	-43.7	-63.7	211.9	43.3	22.9	36.8	351.5	351.5	0.1	13.3	47.1	51
33.6	103.3	11844.7	200.0	-46.7	-68.7	202.1	39.6	26.6	36.8	358.9	358.9	0.1	13.3	50.7	52
34.5	109.3	12721.6	175.0	-52.0	-74.0	214.6	40.5	23.0	33.3	364.1	364.1	0.1	13.3	54.0	50
35.4	115.4	13723.8	150.0	-58.0	-80.0	228.9	25.8	19.3	30.8	367.4	367.4	0.1	13.3	57.0	49
36.3	122.3	14920.1	125.0	-53.4	-85.4	203.4	12.9	5.8	18.8	387.4	387.4	0.1	13.3	60.1	48
37.2	130.3	16334.1	100.0	-58.3	-90.9	203.4	22.3	8.8	20.4	415.1	415.1	0.1	13.3	63.1	47
38.1	138.1	18116.5	75.0	-61.4	-99.9	165.7	4.3	-1.1	4.2	444.2	444.2	0.1	13.3	66.1	46
39.0	147.0	20658.2	50.0	-58.2	-99.9	210.8	4.3	2.2	3.7	506.5	506.5	0.1	13.3	69.1	44
40.9	155.8	25109.8	25.0	-51.3	-99.9	76.4	2.8	-2.7	-0.7	637.8	637.8	0.1	13.3	72.1	42

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY TEMP ME. % TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
BY SPEED ME. % ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE 11
OF POOR QUALITY

STATION NO. 456
TOPERA, KAN27 APRIL 1975
1715 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	ROT Y DG K	E POT Y DG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	6.3	268.0	976.	22.8	19.0	170.0	7.2	-1.3	7.1	299.9	337.7	14.3	79.0	0.0	0.
99.9	99.9	99.9	1000.	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.1	6.4	281.2	975.	22.8	19.1	17.3	7.5	-1.1	7.9	300.1	338.2	14.4	79.5	0.1	360.
1.0	8.5	508.3	950.	21.2	18.0	180.5	12.6	0.1	12.6	307.7	339.2	14.5	85.8	0.7	359.
1.8	10.5	739.6	925.0	19.4	17.9	185.4	16.9	1.6	16.6	301.1	338.7	14.1	91.0	1.4	0.
2.8	12.5	975.5	900.0	17.6	16.6	185.9	22.3	4.6	21.6	301.4	337.1	13.3	93.7	2.4	4.
3.7	14.6	1215.5	875.0	15.9	15.0	187.1	23.5	6.9	22.4	302.0	335.3	12.4	94.2	3.8	8.
4.7	16.6	1463.2	850.0	14.7	13.8	206.8	23.2	10.4	20.7	303.2	335.0	11.6	94.1	5.1	11.
5.8	18.9	1716.3	825.0	14.0	13.0	213.3	21.8	12.0	18.2	304.9	336.4	11.5	94.0	6.5	16.
6.9	20.9	1976.4	800.0	13.0	12.0	212.6	16.0	10.7	16.7	306.5	337.1	11.1	93.9	7.7	19.
7.9	23.2	2243.7	775.0	11.7	10.4	202.8	20.2	10.4	16.1	307.8	337.2	10.6	94.0	8.9	20.
8.9	25.5	2514.6	750.0	10.4	9.4	202.3	17.4	8.6	14.7	309.2	337.1	10.0	93.4	10.2	21.
9.9	27.8	2811.0	725.0	9.3	8.2	21.3	7.1	8.4	14.0	310.9	337.8	9.5	93.3	11.2	22.
11.0	30.3	3041.7	700.0	7.1	5.5	21.1	1.0	8.8	16.2	311.5	334.7	8.2	89.3	12.3	23.
12.1	32.8	3300.8	675.0	7.0	-6.9	20.4	22.5	10.1	20.0	313.9	324.6	3.6	39.0	13.6	24.
13.3	35.3	3701.0	650.0	5.9	-4.3	20.4	22.9	9.5	20.9	316.1	329.1	4.3	48.1	15.3	25.
14.3	37.8	4021.1	625.0	3.0	-7.0	20.1	22.1	9.7	19.8	317.2	326.3	3.6	45.1	16.7	26.
15.5	40.5	4351.5	600.0	1.4	-16.9	212.7	20.5	11.1	17.2	317.9	323.4	1.7	24.3	18.2	27.
16.8	43.1	4632.0	575.0	-1.6	-24.9	213.2	21.0	11.5	17.5	319.2	321.1	0.9	14.8	19.9	28.
18.3	46.0	5043.8	550.0	-4.6	-37.8	218.1	21.3	17.1	16.8	318.6	319.6	0.3	5.3	21.5	29.
19.8	48.9	5407.5	525.0	-7.7	-31.4	222.7	22.2	15.1	16.4	319.1	321.0	0.5	12.9	23.7	30.
21.4	51.6	5755.1	500.0	-0.9	-27.4	226.4	22.8	17.9	17.1	319.6	322.5	0.8	24.1	25.7	31.
23.1	54.8	6177.0	475.0	-14.1	-36.3	219.6	27.8	17.7	21.4	320.5	321.7	0.4	13.2	28.4	32.
24.9	57.9	6564.3	450.0	-17.4	-41.6	223.9	27.1	18.8	19.5	320.7	321.7	0.2	10.1	30.9	33.
26.6	61.1	7009.7	425.0	-20.3	-50.6	219.4	28.9	18.4	22.3	322.9	311.3	0.1	4.8	33.9	34.
28.4	64.7	7456.7	400.0	-23.3	-52.1	216.9	25.9	16.6	19.9	324.6	314.9	0.1	5.5	36.7	35.
30.2	68.0	7925.2	375.0	-27.2	-40.5	224.9	27.9	21.1	21.2	325.5	326.6	0.3	26.9	40.0	36.
32.2	71.6	8416.9	350.0	-29.6	-41.2	230.9	29.7	22.2	19.1	328.8	329.8	0.4	31.1	43.3	37.
34.1	75.5	8944.0	325.0	-33.6	-47.7	227.7	29.1	20.8	18.9	329.9	330.5	0.2	23.1	46.7	38.
36.1	79.7	9499.6	300.0	-38.4	-49.8	224.0	29.2	20.3	21.0	331.2	331.7	0.1	24.7	49.5	39.
38.0	82.8	10091.3	275.0	-43.6	-59.9	226.6	26.9	19.5	17.5	332.1	329.9	0.0	99.9	53.2	40.
40.4	89.2	10724.3	250.0	-48.4	-69.4	226.7	37.0	27.4	25.8	334.2	329.9	0.0	99.9	57.7	41.
43.2	91.2	11411.3	225.0	-53.0	-69.9	219.4	15.7	13.5	8.0	337.4	329.9	0.0	99.9	61.4	42.
45.9	93.4	12161.2	200.0	-58.6	-69.9	235.6	23.4	19.3	13.2	340.0	329.9	0.0	99.9	64.1	43.
48.7	104.0	12936.9	175.0	-65.5	-69.9	236.2	18.8	15.6	10.5	341.7	329.9	0.0	99.9	68.3	44.
52.0	110.5	13417.7	150.0	-65.3	-69.9	231.7	27.7	21.6	17.2	357.7	329.9	0.0	99.9	73.1	45.
56.1	117.5	15045.3	125.0	-61.3	-69.9	237.6	14.0	11.6	7.5	344.0	329.9	0.0	99.9	78.9	46.
61.0	126.0	16416.6	100.0	-64.3	-69.9	218.2	14.9	9.2	11.7	403.5	329.9	0.0	99.9	81.7	47.
66.9	135.7	18190.7	75.0	-62.0	-69.9	134.7	2.9	-2.1	2.0	442.9	329.9	0.0	99.9	84.4	48.
76.2	146.5	20718.8	50.0	-58.4	-69.9	107.3	5.1	-4.9	1.5	504.9	329.9	0.0	99.9	83.1	49.
89.6	158.0	25159.1	25.0	-50.1	-69.9	99.9	99.9	99.9	99.9	638.6	329.9	0.0	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER

27 APRIL 1975
1739 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	OIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MK 370 GM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.7	100.0	598.0	27.1	17.3	110.0	2.1	-2.0	0.7	302.1	335.9	12.6	55.0	0.0	0.
0.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	7.5	385.3	975.0	2.2	14.6	232.0	2.2	1.8	1.4	301.0	330.1	10.8	55.1	0.1	329.
2.0	9.6	612.2	550.0	22.2	14.2	203.8	3.3	1.3	3.0	301.2	330.4	10.8	60.6	0.2	12.
3.0	11.4	833.2	925.0	19.0	12.6	196.3	3.3	0.9	3.1	300.1	327.0	10.0	66.4	0.4	15.
4.1	13.6	1078.2	500.0	16.8	12.4	211.1	3.9	2.3	3.1	300.2	327.4	10.1	75.0	0.6	18.
5.2	15.6	1318.4	875.0	15.7	10.1	227.9	4.0	3.0	2.7	301.3	325.7	9.0	69.4	0.9	27.
6.4	17.7	1504.5	550.0	14.9	8.6	227.5	5.6	4.2	3.8	302.9	325.8	8.3	66.0	1.2	32.
7.5	20.0	1816.8	825.0	13.6	5.3	219.6	5.4	3.4	4.1	303.9	322.9	6.8	57.3	1.6	36.
8.5	22.1	2075.4	800.0	11.6	2.6	206.4	5.2	2.3	4.7	304.3	320.6	5.8	53.8	1.9	35.
9.5	24.5	2340.4	775.0	9.6	1.9	207.1	5.9	2.7	5.3	304.9	321.0	5.7	56.4	2.2	34.
10.5	26.6	2612.0	750.0	7.7	2.0	206.5	6.1	2.7	5.5	305.7	322.5	5.9	67.3	2.6	31.
11.4	29.1	2890.7	725.0	5.6	2.3	205.6	5.8	2.5	5.2	306.4	324.2	6.3	79.1	2.9	32.
12.8	31.7	3177.3	700.0	3.8	-1.6	222.1	5.8	2.6	2.8	307.3	321.3	4.8	67.2	3.4	32.
14.0	34.3	3472.8	675.0	3.3	-15.2	255.5	1.7	1.7	0.4	096.6	315.0	1.8	24.4	3.5	33.
15.2	36.8	3778.6	650.0	2.7	-19.3	287.5	2.3	1.9	-0.6	312.2	316.2	1.3	17.9	3.6	34.
16.4	39.5	4054.6	625.0	0.7	-19.6	314.5	5.2	3.7	-3.6	313.4	317.5	1.3	20.2	3.6	34.
17.7	42.1	4421.0	600.0	-1.8	-13.4	315.1	7.8	5.5	-5.5	314.3	315.3	2.3	47.6	3.5	47.
18.9	45.0	4758.1	575.0	-4.0	-12.8	315.1	8.7	5.8	-5.5	314.3	323.3	2.5	50.6	3.6	56.
20.4	48.0	5107.4	550.0	-6.6	-15.3	322.2	7.4	4.5	-5.8	316.5	323.1	2.1	49.8	3.7	61.
21.7	50.9	5467.1	525.0	-9.2	-16.2	332.9	8.6	3.9	-7.7	317.6	324.1	2.1	56.7	3.9	76.
23.1	54.1	5844.7	500.0	-11.6	-20.0	335.0	11.4	4.8	-10.3	319.0	324.0	1.6	49.6	4.2	84.
24.8	57.3	6236.1	475.0	-14.3	-24.1	333.1	13.3	6.0	-11.9	320.4	324.1	1.1	43.0	4.8	102.
26.3	60.7	6643.6	450.0	-17.4	-27.1	319.9	14.2	9.2	-10.9	321.4	324.5	0.9	42.7	5.7	111.
27.9	64.3	7059.6	425.0	-20.5	-30.5	309.2	15.2	12.0	-9.4	322.8	325.2	0.7	40.1	7.0	115.
29.6	67.8	7516.5	400.0	-22.7	-39.4	307.5	16.1	12.8	-9.8	323.5	326.6	0.3	20.0	8.6	117.
31.3	71.7	7986.3	375.0	-27.1	-36.7	307.3	19.8	15.3	-12.6	325.7	327.2	0.4	10.4	10.3	119.
33.1	75.7	8480.6	350.0	-29.8	-42.5	320.2	17.2	11.7	-13.2	328.5	329.4	0.3	27.8	12.2	121.
35.0	80.1	9025.0	325.0	-33.6	-50.9	320.3	15.3	8.0	-13.0	330.2	330.6	0.1	15.5	14.0	125.
37.9	84.4	9581.7	300.0	-35.0	-57.0	316.8	14.4	10.9	-9.4	331.8	332.0	0.1	11.3	15.6	126.
39.9	89.2	10154.8	275.0	-43.1	99.9	308.2	16.5	13.0	-10.2	332.8	999.9	99.9	99.9	17.4	127.
41.9	94.5	10769.0	250.0	-49.1	99.9	307.7	18.1	14.3	-11.1	331.0	999.9	99.9	99.9	19.6	127.
43.2	100.0	11470.0	225.0	-55.0	99.9	311.2	18.7	14.1	-12.3	334.2	999.9	99.9	99.9	22.1	127.
45.6	105.8	12212.8	200.0	-61.5	99.9	308.0	24.5	19.0	-15.4	336.4	999.9	99.9	99.9	25.0	127.
48.2	112.0	13030.0	175.0	-66.7	99.9	307.3	31.3	24.8	-19.0	338.9	999.9	99.9	99.9	29.6	127.
51.3	119.0	13548.5	150.0	-71.7	99.9	315.0	25.7	18.2	-16.2	346.6	999.9	99.9	99.9	35.0	128.
55.1	126.7	15031.4	125.0	-77.8	99.9	99.9	99.9	99.9	99.9	372.3	999.9	99.9	99.9	99.9	99.9
58.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
60.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
62.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
66.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22002
FT. SILL, OKLA27 APRIL 1975
1807 GMT

91 242. 0

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEP PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	DOT Y DG K	E POT Y DG K	WX QTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	9.7	362.0	944.2	23.4	18.7	155.0	15.3	-5.2	0.9	302.0	340.0	14.2	73.1	0.0	0.
00.9	90.9	43.0	1000.0	29.9	00.9	90.9	90.9	99.9	99.9	90.9	90.9	99.9	99.9	99.9	99.9
05.9	95.9	95.9	975.0	99.9	90.9	90.9	90.9	99.9	99.9	90.9	90.9	99.9	99.9	99.9	99.9
10.1	10.1	491.7	950.0	22.2	17.4	153.2	15.2	-4.7	15.4	301.6	337.1	13.3	74.0	0.4	340.
1.4	12.1	723.7	921.0	20.4	16.7	150.0	15.0	-3.4	14.7	312.2	337.8	13.3	79.4	1.2	343.
2.2	14.4	950.4	900.0	18.5	15.1	173.7	17.3	-2.2	15.4	312.4	337.1	12.9	84.7	2.0	345.
3.2	15.5	1222.3	875.0	16.9	13.0	157.5	15.7	3.4	21.0	301.0	316.5	12.4	84.5	3.2	351.
4.1	15.8	1454.5	850.0	15.1	13.9	200.1	20.0	7.4	21.3	317.6	335.7	11.9	92.6	4.3	357.
5.1	21.1	1702.8	825.0	14.0	13.4	213.9	21.3	11.6	17.4	307.9	336.0	11.4	92.3	5.6	4.
6.1	23.5	1933.2	800.0	13.2	11.9	215.7	21.4	12.5	17.4	307.7	337.2	11.1	92.2	9.7	9.
7.1	25.8	2230.7	775.0	12.1	10.9	218.9	21.0	13.2	16.3	306.2	337.7	10.6	92.4	7.9	14.
8.1	23.3	2505.4	750.0	10.7	9.5	216.2	19.8	11.1	15.1	319.6	337.7	10.0	92.2	9.0	17.
9.3	33.9	2744.4	725.0	11.3	4.2	211.4	19.9	9.9	16.2	312.8	333.5	7.1	61.6	13.2	19.
10.3	31.6	3131.5	700.0	10.4	-5.9	217.7	17.1	11.4	15.3	314.6	325.5	7.6	31.5	11.4	20.
11.4	35.0	3330.0	675.0	9.4	-6.9	210.0	20.3	12.5	15.0	315.4	323.6	2.7	26.2	17.6	22.
12.5	35.9	3131.5	650.0	6.3	-10.4	211.0	20.0	12.9	21.4	316.5	324.8	2.7	24.9	14.1	24.
12.7	45.5	4114.0	625.0	4.6	-15.2	211.4	20.1	10.6	27.1	317.9	323.9	1.9	22.2	11.0	24.
15.0	44.4	4345.2	600.0	2.3	-16.7	134.1	23.7	8.6	26.3	319.0	324.4	1.7	22.9	14.3	23.
16.3	47.4	472.2	575.0	-0.6	-19.1	156.7	23.0	6.6	22.0	319.4	325.5	1.9	29.7	20.3	23.
17.7	53.7	440.2	550.0	-3.7	-17.0	194.1	19.8	4.8	19.2	319.9	325.8	1.8	34.6	22.0	22.
19.2	53.4	5600.0	525.0	-5.6	-17.4	186.4	18.5	6.2	17.8	320.7	326.7	1.9	41.8	23.7	22.
20.7	55.3	5715.0	500.0	-9.6	-21.8	202.8	21.5	8.7	19.7	321.4	325.8	1.3	36.3	25.5	22.
22.0	59.9	6174.5	475.0	-13.1	-22.5	204.1	22.8	6.3	20.2	321.8	324.2	1.3	44.3	27.3	22.
22.4	63.2	6404.3	450.0	-16.1	-30.5	206.5	20.8	9.3	16.7	321.1	325.4	0.7	27.4	29.2	22.
25.2	65.7	7016.2	425.0	-17.3	-35.4	207.7	18.0	6.9	16.0	324.3	324.1	1.1	58.1	31.1	22.
27.2	73.4	7156.1	400.0	-21.8	-34.7	197.1	18.7	5.0	17.9	325.6	324.5	0.5	31.2	31.2	22.
28.3	73.2	7156.1	375.0	-25.8	-40.9	215.1	21.4	11.4	17.1	327.4	324.5	0.3	22.8	35.5	22.
30.0	70.3	8111.9	350.0	-27.7	-39.1	217.6	22.7	11.8	18.0	328.6	330.0	0.4	39.2	37.7	21.
32.6	62.5	8656.0	325.0	-33.9	-39.3	218.4	24.6	17.8	27.4	329.9	331.1	0.4	57.7	40.2	24.
34.6	67.7	9512.4	300.0	-37.9	-44.1	212.5	23.7	20.3	27.4	331.7	332.4	0.2	41.8	45.1	24.
36.9	61.1	10110.4	275.0	-43.2	90.0	225.2	23.6	15.2	15.0	331.7	442.0	5.9	43.6	45.2	26.
38.0	58.4	10713.5	250.0	-47.3	96.9	227.6	23.7	12.9	9.3	314.9	442.0	9.9	43.6	45.2	26.
39.9	60.9	11113.5	225.0	-52.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40.9	61.9	11113.5	200.0	-57.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
42.5	64.5	11113.5	175.0	-62.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
44.2	66.2	11113.5	150.0	-67.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
46.9	68.9	11113.5	125.0	-72.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
48.9	69.9	11113.5	100.0	-77.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50.9	69.9	11113.5	75.0	-82.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
52.9	69.9	11113.5	50.0	-87.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
54.9	69.9	11113.5	25.0	-92.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Sounding Data

27 April 1975

2100 GMT

STATION NO. 213
WAYCROSS, GA
27 APRIL 1975
2100 GMT

TIME H:IN	CNTCT	WEIGHT GPM	PRES MM	TEMP DG C	DE# PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00.0	4.1	44.0	1010.6	29.0	17.5	160.0	3.6	-1.2	3.4	103.0	136.9	12.6	5.0	0.0	0.
00.3	5.0	137.8	1000.0	28.0	14.6	171.0	4.5	-0.7	4.5	102.6	131.1	10.5	41.8	0.1	345.
1.0	6.9	362.1	975.0	26.4	15.2	167.4	5.1	-1.1	5.0	103.2	133.7	11.2	50.2	0.2	308.
1.8	9.2	570.6	950.0	24.0	14.3	171.7	5.9	-0.4	5.7	103.0	132.6	10.9	54.8	0.5	348.
2.7	11.2	823.4	924.0	21.9	13.6	174.9	5.4	-0.5	5.4	103.1	132.1	10.7	59.3	0.9	350.
3.5	13.5	1061.0	900.0	19.9	13.6	178.7	5.2	-0.1	5.2	103.5	133.3	11.0	64.9	1.1	352.
4.3	15.8	1303.5	875.0	17.1	11.8	183.4	5.3	0.3	5.3	103.9	131.2	10.0	67.1	1.3	353.
5.1	18.1	1551.1	850.0	16.0	9.7	202.4	5.1	2.0	4.7	104.1	132.8	9.0	65.2	1.6	356.
5.9	20.4	1804.7	825.0	14.3	8.3	203.9	4.3	1.8	4.0	104.8	134.0	8.4	67.2	1.8	360.
6.8	22.7	2064.0	800.0	12.3	7.3	216.0	4.0	3.3	3.2	105.3	137.5	8.1	71.6	2.0	3.
7.7	25.2	2329.8	775.0	10.3	5.5	240.8	3.8	3.3	1.8	105.8	136.5	7.4	72.6	2.1	7.
8.6	27.6	2602.3	750.0	8.5	4.1	271.7	3.9	3.8	-0.1	106.7	136.1	6.9	71.8	2.2	12.
9.6	30.2	2882.2	725.0	7.0	2.2	292.0	4.0	3.7	-1.5	108.0	135.9	6.2	71.5	2.2	18.
10.5	32.9	3170.2	700.0	5.3	0.3	296.4	5.2	4.6	-2.5	109.0	135.2	5.6	70.3	2.2	24.
11.3	35.5	3467.0	675.0	3.3	-0.9	303.3	6.0	5.0	-3.3	110.1	135.5	5.1	73.7	2.2	32.
12.2	38.2	3772.4	650.0	1.8	-0.3	303.7	5.7	4.7	-3.1	111.4	132.4	3.7	54.9	2.2	40.
13.2	40.9	4067.6	625.0	-0.2	-12.0	304.7	5.2	4.3	-3.0	112.5	130.0	2.4	40.3	2.2	48.
14.1	43.9	4313.2	600.0	-1.8	-22.5	304.4	6.6	5.4	-3.7	114.1	117.5	1.1	19.1	2.3	55.
15.2	46.9	4500.7	575.0	-3.3	-36.1	303.1	9.3	7.9	-5.1	116.1	117.1	0.3	7.8	2.6	66.
16.2	50.0	5100.3	550.0	-5.4	-25.5	309.2	9.9	7.7	-6.3	117.7	120.6	0.9	18.7	2.9	76.
17.4	54.2	5462.6	525.0	-7.7	-48.7	322.0	9.4	5.8	-7.4	119.2	119.5	0.1	2.1	3.4	87.
18.5	58.1	5841.6	500.0	-9.9	-32.0	333.7	8.8	3.9	-7.2	121.9	122.8	0.5	14.3	3.7	95.
19.9	59.5	6235.4	475.0	-12.9	-39.5	339.0	8.0	3.0	-7.4	121.9	122.9	0.3	4.6	4.1	105.
21.3	63.0	6645.7	450.0	-14.7	-24.9	345.3	6.9	1.7	-6.7	124.9	124.5	1.1	41.1	4.5	111.
22.7	65.4	7076.5	425.0	-17.6	-29.0	351.0	9.5	1.5	-7.7	126.5	129.4	0.9	38.1	4.7	117.
23.9	70.3	7527.5	400.0	-21.4	-25.3	351.0	9.3	3.3	-9.4	127.2	131.4	1.2	70.9	5.1	123.
25.3	74.0	8000.2	375.0	-24.8	-28.9	359.0	9.3	3.3	-9.7	128.1	132.0	0.9	68.4	5.7	126.
26.9	78.2	8498.4	350.0	-24.6	-21.2	326.6	10.8	6.0	-9.1	130.1	132.5	0.7	64.4	6.5	132.
28.5	82.4	9025.0	325.0	-32.8	-17.2	335.6	11.9	4.3	-10.6	131.4	133.1	0.5	64.6	7.6	134.
30.1	86.8	9542.9	300.0	-37.7	-41.9	335.3	14.1	5.7	-17.8	132.2	133.4	0.3	64.3	8.8	137.
31.9	91.6	10176.2	275.0	-42.4	99.9	341.7	22.9	7.2	-21.7	133.8	133.8	0.9	99.9	10.6	141.
33.7	96.6	10814.2	250.0	-47.0	99.9	342.9	25.0	7.3	-23.0	134.2	134.2	0.9	99.9	13.4	146.
36.2	102.0	11503.6	225.0	-52.7	99.9	336.9	21.3	10.1	-24.6	137.8	137.8	0.9	99.9	16.6	148.
38.5	108.0	12253.2	200.0	-59.2	99.9	330.6	23.3	11.4	-20.3	139.1	139.1	0.9	99.9	19.5	144.
41.0	114.3	13077.2	175.0	-65.0	99.9	330.2	34.1	17.0	-29.6	142.6	142.6	0.9	99.9	23.7	149.
44.2	121.3	14000.0	150.0	-72.4	99.9	327.3	31.6	17.1	-26.6	145.4	145.4	0.9	99.9	30.0	159.
48.5	129.0	15078.5	125.0	-67.2	99.9	326.2	30.0	16.7	-24.9	147.3	147.3	0.9	99.9	37.8	169.
52.9	137.0	16244.4	100.0	-63.5	99.9	326.1	27.9	16.7	-24.8	149.5	149.5	0.9	99.9	46.2	177.
59.3	145.5	18146.7	75.0	-56.9	99.9	327.7	10.3	5.5	-8.7	152.6	152.6	0.9	99.9	54.0	187.
67.8	154.5	20639.5	50.0	-51.1	99.9	327.4	5.7	-5.0	-11.2	149.5	149.5	0.9	99.9	57.2	188.
80.8	164.0	25073.5	25.0	-55.8	99.9	327.7	3.3	-0.2	-14.3	150.1	150.1	0.9	99.9	58.2	188.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 232
HOOTHVILLE, LA

27 APRIL 1975
2015 GMT

TIME MIN	CNTCT	WEIGHT GPI	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RM PCY	RANGE A7 KM	DG
0.0	4.6	1.0	1016.9	25.6	21.9	140.0	5.1	-3.3	3.9	299.8	343.1	16.5	79.0	0.0	0.0
0.6	6.0	148.0	1000.0	22.7	20.3	131.6	6.4	-4.8	4.2	297.9	337.7	15.2	86.3	0.3	309.0
1.7	8.4	368.7	980.0	20.8	19.3	146.1	7.7	-4.8	6.4	298.1	336.5	14.7	91.3	0.8	315.0
2.7	10.8	593.6	950.0	19.1	17.0	156.5	8.1	-3.0	7.5	298.4	332.6	13.0	87.4	1.2	321.0
3.7	13.2	823.1	925.0	18.9	9.8	172.4	7.6	-1.0	7.5	299.8	322.2	8.3	55.2	1.7	326.0
4.7	15.7	1058.5	900.0	18.1	9.4	171.4	9.4	-1.4	9.2	301.2	323.8	8.3	56.9	2.2	336.0
5.6	18.1	1299.1	875.0	16.1	7.6	177.0	8.2	-0.4	8.2	301.5	322.2	7.5	56.9	2.7	337.0
6.6	20.7	1545.1	850.0	14.4	6.8	179.4	7.1	-0.1	7.1	302.2	322.5	7.3	60.4	3.0	340.0
7.6	23.2	1796.8	825.0	13.1	3.1	182.5	6.5	-1.9	6.2	303.2	319.8	5.9	51.4	3.4	342.0
8.7	25.8	2056.3	800.0	14.4	0.1	181.6	4.8	-2.3	4.2	307.1	321.1	4.8	37.6	3.8	342.0
9.8	28.6	2323.7	775.0	12.6	-1.4	136.0	4.1	-2.8	2.9	308.0	321.1	4.5	38.0	4.1	340.0
10.9	31.3	2598.0	750.0	11.0	-5.8	134.9	4.6	-3.3	3.2	308.9	318.8	3.0	30.4	4.3	339.0
12.0	34.2	2879.9	725.0	9.9	-11.6	138.7	4.0	-2.6	3.2	310.6	317.2	2.2	20.6	4.6	337.0
13.1	36.8	3170.3	700.0	8.6	-15.6	129.5	1.7	-1.3	1.1	312.2	317.3	1.6	16.2	4.8	337.0
14.3	39.8	3470.1	675.0	7.3	-14.8	95.3	2.9	-2.9	0.3	314.0	319.7	1.8	19.0	4.8	335.0
15.5	42.4	3779.7	650.0	5.7	-16.3	91.1	3.4	-3.4	0.1	315.6	320.8	1.6	19.7	5.0	333.0
16.7	45.5	4099.2	625.0	3.6	-16.7	55.4	4.8	-3.9	-2.7	316.7	322.0	1.6	20.9	5.1	330.0
18.0	48.6	4420.2	600.0	1.7	-21.8	44.9	5.8	-4.1	-4.1	318.1	321.8	1.1	15.6	5.0	325.0
19.3	51.6	4770.9	575.0	0.0	-25.9	42.6	5.9	-4.0	-4.3	320.1	322.8	0.8	12.1	4.9	320.0
20.6	54.9	5125.5	550.0	-2.2	-20.3	50.0	5.3	-4.0	-3.4	321.6	326.1	1.4	23.4	4.9	314.0
22.0	58.0	5493.3	525.0	-4.7	-21.0	47.9	6.0	-4.5	-4.0	322.9	327.5	1.4	26.4	5.0	310.0
23.4	61.3	5875.3	500.0	-7.2	-24.6	28.2	7.0	-3.3	-6.2	324.3	327.8	1.0	23.4	5.0	303.0
24.9	64.9	6272.7	475.0	-10.3	-29.0	356.3	6.3	0.4	-6.3	325.3	327.8	0.7	19.9	4.8	296.0
26.5	68.3	6686.4	450.0	-13.8	-36.2	239.1	7.6	2.8	-7.0	325.9	327.2	0.4	13.0	4.5	290.0
28.1	71.7	7118.5	425.0	-16.6	-38.3	332.7	7.8	3.6	-6.9	327.7	328.9	0.3	13.2	3.9	282.0
29.8	75.6	7571.5	400.0	-19.6	-39.1	337.6	7.2	3.0	-6.6	329.5	330.6	0.3	15.7	3.5	272.0
31.6	79.5	8047.3	375.0	-23.4	-35.8	315.8	13.2	9.2	-9.5	330.6	332.3	0.5	30.8	3.1	257.0
33.4	83.5	8547.2	350.0	-27.9	99.9	310.9	11.1	8.4	-7.3	331.1	999.9	99.9	999.9	2.5	210.0
35.3	87.5	9075.4	325.0	-31.8	99.9	309.1	9.7	7.5	-6.1	332.8	999.9	99.9	999.9	2.6	203.0
37.6	92.2	9635.1	300.0	-36.8	99.9	309.5	11.7	9.0	-7.4	333.6	999.9	99.9	999.9	3.3	180.0
39.7	96.6	10233.3	275.0	-40.6	99.9	307.5	16.8	13.3	-10.2	336.4	999.9	99.9	999.9	4.6	160.0
42.1	101.4	10774.4	250.0	-46.2	99.9	305.3	15.1	12.3	-8.7	337.4	999.9	99.9	999.9	6.7	150.0
44.4	106.8	11563.0	225.0	-52.2	99.9	286.9	17.2	16.4	-5.0	338.5	999.9	99.9	999.9	8.5	142.0
47.0	112.3	12319.2	200.0	-57.6	99.9	298.7	23.0	20.1	-11.1	341.6	999.9	99.9	999.9	11.2	134.0
50.0	118.3	13148.1	175.0	-64.8	99.9	295.0	23.3	21.1	-9.9	343.0	999.9	99.9	999.9	15.4	129.0
53.4	125.0	14077.4	150.0	-69.0	99.9	300.8	28.3	32.9	-19.6	351.2	999.9	99.9	999.9	21.6	124.0
56.8	132.0	15159.1	125.0	-67.5	99.9	298.9	25.5	22.1	-12.3	372.5	999.9	99.9	999.9	28.2	124.0
61.2	139.7	16469.5	100.0	-72.1	99.9	291.9	12.2	11.3	-4.6	388.5	999.9	99.9	999.9	31.9	123.0
64.7	148.0	18182.0	75.0	-71.5	99.9	281.8	4.8	4.7	-1.0	423.0	999.9	99.9	999.9	34.4	121.0
68.7	157.7	20637.5	50.0	-62.2	99.9	252.1	1.9	1.8	0.6	497.1	999.9	99.9	999.9	34.8	123.0
87.0	168.0	25053.9	25.0	-49.0	99.9	999.9	99.9	99.9	99.9	643.9	999.9	99.9	999.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISS

27 APRIL 1975
2015 GMT

TIME MIN	CNTLT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WIND GMPG	RM PCY	RANGE KM	AZ DG
0.0	4.2	100.0	1034.5	30.6	19.3	170.0	5.7	-1.0	5.6	302.3	343.8	14.2	51.0	0.0	0.
0.1	4.6	140.2	1030.0	29.6	18.9	176.3	5.9	-0.4	5.8	304.6	342.2	13.9	52.8	0.1	357.
0.6	6.5	364.8	974.0	25.3	15.8	183.8	6.1	0.4	6.1	302.4	333.4	11.7	54.9	0.3	355.
1.3	8.7	592.5	950.0	23.0	14.8	186.6	6.7	0.9	6.7	302.1	332.4	11.2	59.7	0.6	340.
1.8	10.8	824.7	925.0	20.9	14.6	190.8	7.2	0.1	7.2	302.2	333.0	11.4	67.3	0.8	2.
2.5	13.0	1061.2	900.0	18.6	14.7	197.4	6.2	-2.4	5.7	302.3	334.1	11.8	77.9	1.1	360.
3.5	15.3	1302.7	875.0	15.3	12.9	194.1	6.4	-2.5	5.2	302.2	331.2	10.8	80.1	1.3	352.
4.4	17.5	1549.2	850.0	12.9	9.8	198.3	6.0	-0.5	4.8	303.1	328.5	9.3	73.6	1.7	350.
5.5	19.9	1802.3	825.0	10.4	3.4	192.2	6.4	2.5	4.1	304.8	321.7	6.0	47.1	2.2	355.
6.3	22.2	2061.9	800.0	13.2	-1.1	189.4	8.4	1.4	6.3	305.8	318.5	4.4	37.1	2.6	358.
7.1	24.7	2326.1	775.0	11.5	-2.7	179.7	7.5	-0.6	7.6	306.7	314.5	4.1	36.9	3.0	359.
8.0	27.1	2601.9	750.0	11.2	-6.3	172.4	7.1	-0.9	7.1	309.2	314.7	3.2	28.8	3.4	357.
8.9	29.7	2894.6	725.0	10.7	-6.7	171.0	7.1	-1.1	7.0	311.6	321.3	3.2	28.8	3.8	357.
9.9	32.3	3170.6	700.0	9.7	-5.7	161.3	7.0	-2.2	6.6	313.6	323.7	3.3	30.9	4.2	356.
10.7	35.1	3477.9	675.0	8.2	-7.1	156.6	5.9	-2.4	5.4	315.2	325.2	3.0	32.9	4.6	354.
11.7	37.7	3784.3	650.0	5.9	-9.1	172.7	3.6	-0.5	3.6	316.1	325.2	2.6	33.8	5.0	354.
12.7	40.5	4108.0	625.0	3.2	-11.2	205.3	2.9	1.2	2.6	316.4	324.5	2.3	35.0	5.1	356.
13.7	43.3	4437.4	600.0	0.7	-13.5	235.5	2.5	2.1	1.4	317.2	324.6	2.7	46.9	5.1	357.
14.7	46.3	4777.7	575.0	-1.8	-11.6	267.2	1.5	1.5	0.1	318.3	326.8	2.4	45.6	5.1	358.
15.8	49.4	5133.3	550.0	-3.4	-13.8	292.1	0.4	-0.4	0.1	319.8	327.3	2.1	46.4	5.1	356.
17.0	52.3	5491.5	525.0	-6.6	-16.1	117.4	1.8	-1.6	0.8	320.8	327.4	2.1	47.3	5.2	356.
18.2	55.4	5875.0	500.0	-9.7	-18.7	207.9	1.7	0.8	1.5	321.5	327.1	1.7	47.3	5.3	358.
19.5	58.7	6259.3	475.0	-12.3	-22.3	237.1	5.1	4.9	1.1	322.9	327.3	1.3	42.9	5.3	358.
20.8	62.1	6680.3	450.0	-14.9	-24.6	244.2	6.3	6.3	0.6	324.6	329.6	1.2	44.7	5.4	358.
22.2	65.6	7111.2	425.0	-17.5	-14.2	240.1	6.0	5.9	-1.1	326.5	328.2	0.5	21.6	5.4	358.
23.7	69.3	7564.2	400.0	-21.0	-17.1	177.7	9.7	9.6	-1.3	327.7	329.1	0.4	21.8	5.5	358.
25.3	73.0	8035.6	375.0	-24.6	-39.3	202.8	12.4	12.1	-2.7	328.8	330.0	0.3	24.2	5.7	26.
26.9	77.0	8534.1	350.0	-27.7	-42.0	231.5	12.6	11.8	-4.6	330.0	331.0	0.3	26.4	6.0	78.
29.6	81.0	9011.3	325.0	-32.0	-43.7	231.1	14.8	12.0	-4.4	332.5	331.4	0.2	30.0	6.5	49.
30.5	85.3	9422.7	300.0	-36.0	-46.5	231.0	14.1	14.5	-4.2	334.5	333.1	0.2	32.6	7.5	59.
32.6	90.0	10220.6	275.0	-41.2	-49.9	245.5	17.5	15.9	-6.7	335.5	335.3	0.9	99.9	9.0	65.
34.9	95.2	10861.3	250.0	-46.3	-49.9	242.0	15.5	15.2	-3.2	337.3	332.3	0.9	99.9	11.1	77.
37.5	100.2	11559.0	225.0	-51.9	-41.4	274.1	16.5	16.4	-1.2	339.0	339.9	0.9	99.9	11.4	80.
40.2	105.8	12335.6	200.0	-57.7	-46.9	243.6	24.2	23.5	-5.7	341.4	341.0	0.9	99.9	16.3	84.
43.0	112.0	13134.0	175.0	-64.5	-49.9	273.2	22.9	22.2	-3.2	343.5	343.0	0.9	99.9	23.4	87.
46.3	119.0	14059.5	150.0	-72.7	-49.9	271.9	27.1	26.9	-3.7	345.3	345.9	0.9	99.9	24.8	89.
50.1	125.7	15147.0	125.0	-79.5	-49.9	241.5	24.0	22.3	-7.1	346.5	346.9	0.9	99.9	31.5	91.
55.1	136.0	16422.7	100.0	-89.2	-49.9	231.4	11.4	10.6	-4.7	348.5	348.9	0.9	99.9	36.0	93.
60.9	145.0	18212.3	75.0	-99.6	-49.9	231.8	9.1	5.4	-2.7	349.7	349.9	0.9	99.9	38.8	94.
68.9	158.0	20070.3	50.0	-110.0	-49.9	51.2	5.2	-5.2	0.1	439.7	439.9	0.9	99.9	38.5	96.
81.1	167.5	25131.4	25.0	-51.5	-49.9	49.9	59.9	39.9	49.9	635.7	635.9	0.9	99.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE DR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE 11
OF POOR QUALITY

STATION NO. 240
LAKE CHARLES, LA

27 APRIL 1975
2015 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PNT T DG K	E PNT T DG K	MR QTO GM/KG	RM PLY	RANGE KM	AZ DG
0.0	3.4	5.0	1014.0	27.8	21.6	160.0	10.3	-3.5	9.7	302.0	345.1	16.3	69.0	0.0	0.
0.4	4.5	128.1	1000.0	25.0	19.1	163.4	12.5	-3.6	11.9	300.1	337.4	14.1	69.9	0.3	338.
1.1	6.3	350.1	975.0	22.8	18.1	160.1	10.9	-2.6	10.6	299.9	335.8	13.5	74.9	0.8	341.
2.1	8.3	576.3	950.0	20.7	17.2	165.5	10.9	-2.0	10.7	300.0	334.8	13.1	80.2	1.3	345.
2.9	10.3	807.0	925.0	18.9	15.8	165.1	11.0	-2.6	10.7	300.2	333.1	12.3	82.4	1.9	346.
3.7	12.3	1042.2	900.0	17.0	13.7	162.9	9.5	-2.8	9.1	300.5	330.1	11.0	80.9	2.4	345.
4.5	14.5	1242.3	875.0	15.0	7.6	160.9	9.8	-2.2	9.6	300.3	321.2	7.6	61.6	2.9	345.
5.2	16.5	1528.1	850.0	16.0	4.3	160.6	10.3	-2.0	10.1	303.7	320.9	6.1	45.6	3.3	346.
6.0	18.7	1781.1	825.0	14.3	1.8	173.2	10.4	-1.2	10.3	304.5	319.7	5.4	42.9	3.6	346.
6.9	20.8	2040.9	800.0	11.9	0.1	181.4	10.4	0.3	10.4	306.6	320.6	4.8	38.9	4.3	348.
7.7	23.1	2307.6	775.0	12.2	-2.3	182.6	10.9	0.5	10.9	307.5	319.7	4.2	36.2	4.6	349.
8.7	25.4	2592.1	750.0	10.9	-8.9	185.1	10.0	0.9	9.9	308.7	316.6	2.6	24.1	5.4	351.
9.7	27.7	2864.4	725.0	11.0	-12.5	175.9	10.2	-0.7	10.2	311.7	315.4	1.2	10.3	6.0	352.
10.7	30.2	3156.5	700.0	11.4	-19.6	166.7	12.1	-2.8	11.9	315.2	319.0	1.2	9.6	6.6	352.
11.6	32.8	3450.0	675.0	10.4	-17.9	167.1	12.6	-2.8	12.3	317.4	321.9	1.4	11.9	7.4	351.
12.7	35.3	3772.3	650.0	7.9	-17.2	163.9	11.7	-2.2	11.2	318.1	321.0	1.5	14.8	8.1	351.
13.9	37.9	4094.0	625.0	5.4	-18.6	158.7	11.2	-4.1	10.5	318.7	323.1	1.4	15.7	8.8	350.
14.9	40.5	4425.8	600.0	3.6	-12.0	162.6	11.2	-3.3	10.7	319.4	327.4	2.5	33.3	9.7	349.
16.2	43.2	4768.3	575.0	-0.3	-10.3	165.3	10.9	-2.0	10.7	320.8	329.5	3.0	46.8	10.5	349.
17.4	46.1	5122.1	550.0	-2.9	-18.9	182.3	11.0	0.4	11.0	320.8	325.8	1.6	27.9	11.3	349.
18.7	49.1	5495.1	525.0	-5.0	-33.7	213.6	8.6	4.9	7.3	322.4	323.9	0.4	8.4	12.0	351.
20.0	52.0	5870.0	500.0	-8.0	-32.0	248.1	9.0	8.3	3.3	323.3	325.1	0.5	12.4	12.4	354.
21.4	55.7	6266.4	475.0	-11.0	-35.1	245.0	9.9	9.0	4.2	324.4	325.8	0.4	11.5	12.5	357.
22.8	59.3	6679.2	450.0	-13.8	-37.2	235.5	11.7	9.3	7.2	325.9	327.1	0.3	11.6	13.0	0.
24.2	61.9	7110.9	425.0	-16.4	-44.0	230.1	12.9	10.7	7.2	327.9	328.5	0.2	7.1	13.7	4.
25.6	65.3	7584.5	400.0	-19.5	-43.2	241.6	12.8	11.2	6.1	329.6	330.4	0.2	10.1	14.4	8.
27.2	68.9	8039.9	375.0	-23.8	-46.9	246.7	17.6	12.3	5.8	330.0	330.5	0.1	9.8	15.1	12.
28.8	72.6	8540.1	350.0	-27.9	-45.6	240.8	13.9	12.1	6.8	331.1	331.8	0.2	16.5	15.9	15.
30.4	76.8	9065.1	325.0	-32.7	-48.8	242.1	14.1	12.5	6.6	331.5	332.0	0.1	18.2	16.9	19.
32.1	80.9	9626.0	300.0	-36.8	-46.5	240.6	17.1	14.9	8.4	333.5	334.2	0.2	35.4	16.1	22.
34.0	85.4	10224.7	275.0	-40.5	99.9	245.6	13.7	12.4	5.6	336.6	999.9	59.9	999.9	19.4	25.
36.1	90.2	10867.4	250.0	-45.0	99.9	230.6	17.4	16.4	5.8	370.1	999.9	99.9	999.9	20.9	29.
38.3	95.4	11583.1	225.0	-50.8	99.9	255.4	20.3	19.3	6.1	340.7	999.9	99.9	999.9	22.9	33.
40.7	100.8	12350.1	200.0	-56.3	99.9	255.7	27.8	27.8	6.9	343.6	999.9	99.9	999.9	25.6	38.
43.4	107.0	13159.5	175.0	-60.1	99.9	270.4	34.3	34.3	-0.5	350.7	999.9	99.9	999.9	29.4	45.
46.5	114.0	14076.6	150.0	-68.1	96.9	275.0	43.2	43.2	-3.8	352.7	999.9	99.9	999.9	34.9	55.
50.2	121.3	15188.6	125.0	-67.7	99.9	275.0	23.0	23.9	2.7	372.4	999.9	99.9	999.9	41.0	60.
54.9	130.3	16520.6	100.0	-70.4	99.9	275.0	34.0	34.0	4.3	391.7	999.9	99.9	999.9	44.7	62.
61.0	139.5	18227.9	75.0	-68.8	99.9	275.0	34.0	34.0	7.0	428.7	999.9	99.9	999.9	48.2	61.
62.4	149.5	20691.3	50.0	-61.6	99.9	275.0	4.4	-2.6	-3.6	488.4	999.9	99.9	999.9	48.4	61.
62.5	150.5	25119.4	25.0	-50.5	99.9	275.0	1.0	-1.3	-1.6	639.7	999.9	99.9	999.9	47.2	59.

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STATION NO. 244
SMREVEPORT, LA27 APRIL 1975
2015 GMT

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX STD GM/KG	RM PCY	RANGE KM	AZ DG
0.0	4.3	79.0	1003.7	30.0	19.1	170.0	7.2	-1.7	7.1	304.9	342.6	14.0	52.0	0.0	0.
0.1	4.6	112.1	1000.0	29.8	19.2	172.9	9.3	-1.1	9.3	304.9	343.2	14.2	52.9	0.1	356.
1.1	6.3	337.9	973.0	26.6	15.8	172.3	11.1	-1.1	11.1	303.5	335.2	11.7	51.8	0.8	354.
2.2	8.4	566.2	950.0	24.3	13.2	167.9	10.5	-2.2	10.3	303.4	334.6	11.5	56.9	1.5	353.
3.4	10.4	799.3	925.0	22.0	14.4	165.4	10.6	-2.7	10.3	303.4	333.9	11.3	62.0	2.2	350.
4.6	12.4	1036.8	900.0	19.7	13.6	167.8	10.9	-2.3	10.7	303.4	333.1	11.0	67.7	2.9	349.
5.7	14.5	1279.2	875.0	17.5	12.5	172.4	11.4	-1.6	11.3	303.4	332.0	10.5	72.8	3.7	349.
6.7	16.5	1526.6	850.0	16.0	9.2	182.2	14.3	6.5	14.3	304.1	327.9	8.7	74.1	4.5	351.
7.6	18.6	1780.2	825.0	14.9	5.6	196.2	16.7	5.6	16.0	305.3	324.8	7.0	51.8	5.4	354.
8.6	20.9	2030.1	800.0	13.1	5.5	192.5	16.5	5.5	15.6	306.0	326.0	7.1	59.9	6.2	357.
9.7	23.2	2306.5	775.0	11.5	2.1	200.8	15.4	5.5	14.4	307.0	323.5	6.8	52.4	7.1	3.
10.8	25.5	2580.1	750.0	10.2	-10.4	206.2	14.1	4.2	12.6	308.0	315.8	2.6	25.0	8.0	1.
12.0	27.8	2862.3	725.0	11.8	-24.5	205.1	13.5	7.7	12.2	312.5	314.8	9.7	6.1	9.0	6.
13.2	30.3	3155.2	700.0	11.4	-23.3	193.1	14.3	3.3	14.0	315.2	317.0	9.8	6.9	10.0	7.
14.4	32.8	3457.5	675.0	9.3	-21.6	192.5	13.6	3.0	13.3	316.1	319.4	1.0	9.3	11.0	7.
15.6	35.4	3768.9	650.0	7.1	-21.7	191.5	12.0	2.5	12.4	317.1	320.5	1.0	10.7	11.9	8.
16.8	37.9	4089.6	625.0	4.6	-10.6	183.9	12.7	0.9	12.7	318.1	326.7	2.8	31.7	12.8	8.
18.2	40.5	4421.2	600.0	2.3	-8.4	180.6	12.3	1.5	12.6	319.2	329.7	3.4	41.7	13.9	8.
19.6	43.2	4763.1	575.0	-0.9	-8.6	180.2	13.4	0.1	13.4	319.3	331.1	3.5	51.2	15.0	8.
21.0	46.1	5116.1	550.0	-3.9	-11.4	183.1	14.8	0.4	14.8	319.6	331.3	0.6	59.7	16.7	15.
22.4	49.1	5431.5	525.0	-7.0	-19.4	182.3	13.3	2.4	13.0	320.2	332.3	1.6	34.7	17.4	7.
23.7	52.0	5800.0	500.0	-10.2	-18.5	187.9	10.1	3.1	9.6	320.8	332.3	1.6	34.7	18.4	7.
25.4	55.1	6253.3	475.0	-13.4	-17.4	200.0	8.8	3.0	8.3	321.5	327.1	2.1	7.0	19.2	8.
26.9	58.3	6682.6	450.0	-16.3	-18.0	210.6	11.0	5.6	9.5	322.9	329.7	1.8	85.8	20.0	9.
28.1	61.6	7091.0	425.0	-18.7	-20.5	219.1	16.0	10.1	12.4	325.2	331.0	0.8	55.0	21.1	10.
30.4	65.1	7540.0	400.0	-22.1	-28.9	221.0	17.7	11.6	13.3	326.0	329.8	0.8	59.7	22.9	13.
32.2	68.6	8012.1	375.0	-25.0	-30.5	219.5	19.8	12.6	15.3	328.5	331.3	0.6	58.6	24.7	15.
34.0	72.3	8510.7	350.0	-28.2	-37.7	226.8	18.5	13.7	15.9	330.8	333.0	0.6	58.6	26.7	17.
36.0	76.3	9038.3	325.0	-32.3	-38.2	232.7	15.9	12.7	9.7	332.2	333.7	0.4	55.3	28.3	18.
38.0	80.4	9597.5	300.0	-37.2	-42.6	232.1	16.0	12.7	9.8	332.9	334.0	0.3	56.7	29.9	21.
40.3	85.0	10191.8	275.0	-42.2	-49.9	235.4	17.1	14.1	9.7	334.1	334.0	99.9	99.9	31.8	24.
42.6	89.6	10830.8	250.0	-46.6	-49.9	239.6	25.0	21.6	12.7	336.8	334.0	99.9	99.9	34.2	26.
45.2	94.8	121.1	225.2	-52.4	-49.9	243.8	27.4	24.5	12.1	338.2	334.0	99.9	99.9	36.0	30.
48.2	100.2	1273.5	200.0	-57.5	-49.9	248.5	33.9	31.7	11.9	341.7	334.0	99.9	99.9	41.8	34.
51.4	106.3	13103.0	175.0	-64.5	-49.9	259.1	40.5	30.7	7.7	343.6	334.0	99.9	99.9	47.8	40.
55.0	113.0	14036.0	150.0	-66.4	-49.9	259.5	28.7	20.2	5.2	355.7	334.0	99.9	99.9	54.5	46.
59.1	120.7	15136.7	125.0	-68.3	-49.9	260.3	19.7	14.4	3.3	371.4	334.0	99.9	99.9	58.6	49.
64.1	129.7	16477.5	100.0	-70.3	-49.9	245.9	9.4	6.5	3.8	392.0	334.0	99.9	99.9	67.6	50.
70.5	139.7	18187.6	75.0	-69.1	-49.9	223.1	5.5	3.8	4.0	430.1	334.0	99.9	99.9	60.4	50.
79.5	150.3	20637.0	50.0	-61.4	-49.9	99.9	99.9	99.9	99.9	498.9	334.0	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	-49.9	-49.9	99.9	99.9	99.9	99.9	99.9	334.0	99.9	99.9	999.9	999.

* * * * * 2ED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * * * * * 5C TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 150
AROUNSVILLE, TEX

27 APRIL 1975
2015 GMT

157 20. 0

TIME MIN	CNTCT	HEIGHT CM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	WIND M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR TIO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	4.3	7.6	1007.8	30.6	21.7	160.0	10.3	-2.5	9.7	305.3	349.6	16.4	59.0	0.0	0.
0.2	4.9	76.5	1000.0	28.1	21.0	148.7	11.3	-5.9	9.7	303.4	345.9	15.9	65.6	0.3	328.
0.9	6.6	301.1	975.0	25.5	20.8	149.	12.5	-6.4	10.7	303.1	346.1	16.1	75.3	0.6	321.
1.7	8.6	529.6	959.0	23.2	20.3	161.8	13.6	-4.3	12.7	302.9	345.5	16.0	85.6	1.3	324.
2.5	10.5	762.7	925.7	22.2	17.7	168.4	14.6	-2.9	14.3	303.9	341.4	14.0	76.0	1.8	339.
3.3	12.5	1001.8	900.0	23.1	13.5	168.2	16.3	-5.3	15.9	306.8	336.8	10.9	54.9	2.6	339.
4.2	14.6	1247.1	875.0	21.4	12.5	171.2	18.7	-2.3	14.5	307.4	336.6	10.5	57.1	3.4	341.
4.9	16.6	1496.5	850.0	20.4	13.6	171.2	15.0	-2	14.8	309.1	341.3	11.6	64.8	4.0	343.
5.6	18.6	1756.3	825.0	19.2	8.8	172.2	14.6	-	14.7	310.0	334.6	8.7	51.1	4.7	348.
6.5	20.8	2026.2	800.0	17.2	4.9	164.5	12.3	-	12.3	310.5	330.0	6.8	44.0	5.4	346.
7.5	23.7	2290.8	775.0	16.9	-3.	201.8	9.0	3.4	9.4	312.5	324.7	4.0	25.7	6.0	349.
8.4	25.4	2570.5	750.0	17	-13.6	216.1	6.7	3.9	5.4	315.9	321.6	1.8	10.6	6.3	351.
9.4	27.6	2858.3	725.0	15	-15.9	220.4	4.7	3.1	3.6	316.5	321.4	1.5	10.1	6.5	354.
10.3	30.1	3158.0	700.0	13.	-17.1	211.9	2.9	2.1	3.3	317.6	322.7	1.4	10.3	6.6	355.
11.2	32.6	3458.0	675.0	10.7	-14.9	208.0	4.2	1.8	3.8	317.8	321.9	1.3	10.6	6.9	355.
12.2	35.1	3776.7	650.0	6.4	-20.7	207.4	4.9	2.3	1.4	318.5	322.3	1.1	10.7	7.1	357.
13.2	37.6	4093.4	625.0	6.3	-23.7	191.1	7.0	1.4	6.0	319.8	322.8	0.9	9.4	7.4	358.
14.3	40.2	4428.4	600.0	4.0	-25.2	183.7	9.0	0.6	9.0	320.8	323.6	0.8	9.7	7.9	359.
15.4	42.7	4770.4	575.0	1.3	-26.9	178.2	9.1	-0.3	9.1	321.6	324.1	0.7	10.0	8.5	359.
16.6	45.6	5125.9	550.0	-1.7	-27.2	175.8	10.7	-0.8	10.6	322.1	324.6	0.7	12.2	9.2	359.
17.8	48.4	5434.0	525.0	-4.5	-28.0	174.4	12.4	-1.2	12.4	323.1	325.5	0.7	13.9	10.1	359.
19.0	51.2	5876.4	500.0	-6.9	-30.3	181.5	13.6	0.4	13.6	324.7	326.8	0.6	13.4	11.0	358.
20.2	54.3	6274.5	475.0	-9.7	-31.3	197.0	14.4	4.2	13.7	326.0	328.3	0.6	16.7	12.0	359.
21.5	57.7	6699.2	450.0	-13.1	-32.6	204.8	14.9	6.7	13.3	327.7	328.7	0.5	17.7	1.1	1.
22.9	60.7	7121.2	425.0	-17.3	-36.5	209.3	14.9	7.3	13.0	328.6	328.2	0.4	16.7	14.1	3.
24.3	64.1	7572.4	400.0	-21.0	-38.6	210.1	15.1	7.6	13.1	327.7	328.9	0.3	18.7	15.4	6.
25.8	67.4	8046.6	375.0	-24.1	-38.4	211.0	15.6	4.0	13.4	32.7	331.1	0.4	25.1	16.6	8.
27.4	71.0	8546.5	350.0	-27.1	-34.6	226.5	16.7	12.1	11.5	322.2	334.2	0.6	48.7	17.9	10.
29.0	74.9	9075.7	325.0	-31.7	-37.9	225.2	16.9	12.0	11.9	332.9	334.6	0.4	53.9	19.3	13.
30.6	79.0	9636.4	300.0	-34.2	-36.6	229.9	20.8	15.9	13.4	334.2	334.9	0.2	32.9	20.9	16.
32.2	83.2	10235.5	275.0	-39.9	99.9	234.7	23.8	19.4	13.8	337.3	399.9	99.9	99.9	23.1	20.
33.8	87.6	10880.3	250.0	-44.7	99.9	247.1	25.4	23.4	9.9	339.7	999.9	99.9	999.9	25.5	24.
35.4	92.6	11578.2	225.0	-49.4	99.9	258.0	29.5	28.9	6.1	342.9	999.9	99.9	999.9	28.0	30.
37.0	97.8	12339.6	200.0	-55.5	94.9	265.1	35.9	35.8	3.1	345.0	999.9	99.9	999.9	30.9	36.
38.9	103.5	13177.1	175.0	-62.1	99.9	269.9	32.6	32.8	0.1	347.4	999.9	99.9	950.9	34.5	44.
40.0	110.0	14112.1	150.0	-70.4	99.7	273.2	31.9	31.9	-1.8	348.4	999.9	99.9	999.9	38.8	54.
42.5	117.6	15189.2	125.0	-70.4	99.9	239.9	32.9	19.8	11.5	367.5	999.9	99.9	999.9	43.8	54.
45.6	127.7	16503.3	100.0	-74.3	99.9	245.6	12.0	11.0	5.0	384.2	999.9	99.9	999.9	47.9	55.
47.7	135.5	18175.8	75.0	-73.5	99.2	207.7	11.7	5.4	10.4	418.0	999.9	99.9	999.9	51.1	74.
49.1	146.0	20629.1	50.0	-81.2	99.9	38.7	5.5	-3.5	-4.3	499.2	999.9	99.9	999.9	51.5	54.
50.6	157.7	25050.3	25.0	-50.9	99.9	188.2	2.3	0.3	2.3	638.7	999.9	99.9	999.9	50.6	52.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEX27 APRIL 1975
2015 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y MG K	E POT Y DG K	MX RTN GM/KG	RM PCT	RANGE KM	AZ DG
0.0	3.8	33.0	1006.2	29.0	21.0	170.0	12.9	-2.2	12.7	303.8	304.0	15.8	62.0	1.0	0.
0.5	4.3	37.8	1006.0	27.7	99.9	99.9	99.9	99.9	99.9	300.9	999.9	99.9	999.9	999.9	999.9
1.1	5.9	310.2	575.0	26.1	99.9	99.9	99.9	99.9	99.9	301.4	999.9	99.9	999.9	999.9	999.9
1.6	7.9	577.1	950.0	24.1	99.9	99.9	99.9	99.9	99.9	301.7	999.9	99.9	999.9	999.9	999.9
2.6	9.9	744.5	975.0	22.1	99.9	161.4	16.3	-5.1	15.2	301.9	999.9	99.9	999.9	2.2	340.
3.2	11.7	1006.1	905.0	20.0	17.4	163.0	17.5	-4.5	16.9	304.0	342.0	14.1	65.1	2.8	340.
3.9	13.8	1249.9	875.0	20.8	9.7	171.5	17.3	-2.6	17.1	306.6	331.2	6.8	49.6	3.6	342.
4.7	15.7	1500.0	850.0	19.3	9.1	172.3	17.1	-2.0	14.9	306.4	330.5	6.6	55.0	4.7	344.
5.4	17.8	1755.0	815.0	17.3	-7.5	180.5	17.0	0.2	16.0	307.3	315.0	2.9	19.5	5.1	346.
6.5	20.0	2016.5	804.0	16.8	-10.7	186.4	15.1	1.7	15.0	309.3	315.8	2.1	14.2	5.9	348.
7.4	22.0	2286.4	775.0	15.5	-15.9	192.2	14.9	3.1	14.6	310.7	315.2	1.4	10.0	6.6	351.
8.3	24.3	2563.8	750.0	15.0	-19.3	191.1	13.4	2.7	13.6	313.0	314.5	1.1	7.8	7.4	353.
9.3	26.4	2850.4	725.0	15.3	-19.1	193.3	14.5	2.9	12.2	316.4	320.2	1.2	7.8	8.1	355.
10.2	28.6	3146.0	700.0	17.2	-20.3	195.4	13.2	3.5	12.7	317.2	320.8	1.1	8.0	9.9	357.
11.1	31.3	3450.1	675.0	10.9	-21.7	195.5	13.7	2.0	13.5	314.0	321.3	1.0	8.2	9.5	358.
12.2	31.6	3763.0	650.0	8.6	-23.1	181.2	15.0	0.3	15.0	318.8	321.9	0.9	8.5	10.4	358.
13.1	36.1	4085.3	625.0	5.9	-24.5	179.1	15.5	-0.2	15.5	319.3	322.1	0.8	9.0	11.3	358.
14.2	38.6	4418.5	600.0	4.1	-18.6	177.0	17.7	-0.9	17.9	321.6	325.9	1.5	17.1	12.3	358.
15.2	41.3	4762.5	575.0	1.3	-18.4	141.5	17.9	0.5	17.9	321.6	326.7	1.5	21.3	13.5	358.
16.3	44.1	5116.1	550.0	-1.6	-21.0	193.5	17.6	4.1	17.2	322.3	326.6	1.3	21.1	14.5	358.
17.4	47.0	5486.2	525.0	-4.6	-23.6	204.7	15.3	6.4	13.9	322.9	325.0	0.6	12.0	15.7	0.
18.4	50.0	5867.8	500.0	-7.8	-32.3	207.3	12.7	5.8	11.3	323.6	325.3	0.5	11.6	16.6	2.
19.9	52.9	6264.9	475.0	-10.4	-32.6	211.6	15.7	8.3	13.4	325.1	326.9	0.5	14.1	17.8	4.
21.3	55.9	6678.4	450.0	-13.7	-36.7	222.2	18.0	12.1	13.3	326.0	327.3	0.4	12.2	19.7	6.
22.7	58.1	7105.0	425.0	-17.4	-35.1	220.3	19.0	12.3	14.5	326.7	328.3	0.4	19.5	20.0	9.
24.2	62.7	7560.0	400.0	-21.3	-38.3	216.1	18.9	11.1	15.2	327.2	329.5	0.3	19.6	21.4	11.
25.7	66.0	8033.8	375.0	-24.0	-34.1	220.0	21.5	13.8	16.5	329.9	331.9	0.6	38.5	23.1	13.
27.3	69.9	8523.0	350.0	-28.4	-34.7	223.9	20.4	14.7	14.2	330.4	331.7	0.3	32.7	24.8	15.
29.0	73.7	9060.1	325.0	-32.2	-40.3	223.5	23.1	15.9	16.7	332.3	333.6	0.4	45.8	26.8	18.
30.4	77.8	9620.6	300.0	-36.1	-40.6	224.3	23.5	16.4	16.8	334.4	335.7	0.4	61.6	29.0	20.
32.4	82.2	10214.1	275.0	-40.4	99.9	231.4	24.9	19.5	15.5	336.6	999.9	99.9	999.9	31.3	22.
34.1	85.6	10851.9	250.0	-45.4	99.9	238.7	27.7	23.7	14.4	338.5	999.9	99.9	999.9	33.6	24.
36.3	92.0	11558.0	225.0	-49.9	99.9	244.5	32.7	29.5	14.1	342.1	999.9	99.9	999.9	36.5	26.
38.7	97.3	12321.4	200.0	-53.8	99.9	254.1	37.1	35.7	10.1	347.6	999.9	99.9	999.9	42.7	33.
41.1	103.3	13164.3	175.0	-61.3	99.9	263.2	42.3	42.0	5.0	348.8	999.9	99.9	999.9	44.6	36.
43.8	110.0	14103.8	150.0	-69.5	99.9	265.7	41.7	41.6	3.1	352.0	999.9	99.9	999.9	49.4	44.
47.0	117.3	15190.6	125.0	-68.3	99.9	245.8	31.4	28.7	12.9	371.3	999.9	99.9	999.9	55.1	47.
51.5	126.0	16521.2	100.0	-70.5	99.9	231.0	17.4	11.8	11.2	391.5	999.9	99.9	999.9	60.7	49.
57.4	136.0	18230.9	75.0	-68.8	99.9	231.0	14.5	11.2	9.1	428.8	999.9	99.9	999.9	65.1	49.
62.4	146.0	20659.2	50.0	-62.6	99.9	124.6	2.5	-2.1	1.4	495.9	999.9	99.9	999.9	65.6	50.
78.0	156.0	25139.6	25.0	-49.9	99.9	349.8	4.2	0.7	-4.1	611.3	999.9	99.9	999.9	65.3	48.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEX

27 APRIL 1978
2015 GMT

193 27. C

TIME MIN	CNTCT	HEIGHT CFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	399.0	961.7	25.8	18.5	165.0	19.3	-2.7	9.9	304.2	342.2	14.1	64.0	0.0	0.
00.9	59.7	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	95.3	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	10.8	506.7	950.0	23.9	17.3	999.9	99.9	99.9	99.9	303.2	238.8	13.2	66.5	99.9	99.9
1.1	17.2	739.6	925.0	21.6	17.3	999.9	99.9	99.9	99.9	303.3	239.8	13.6	76.3	99.9	99.9
2.0	15.6	977.3	900.0	19.2	17.0	999.9	99.9	99.9	99.9	303.1	347.0	13.7	87.4	99.9	99.9
2.4	14.2	1219.3	875.0	17.1	16.2	999.9	99.9	99.9	99.9	303.3	333.3	13.4	94.6	99.9	99.9
3.7	20.3	1467.1	850.0	15.6	13.9	999.9	99.9	99.9	99.9	304.1	335.4	11.9	89.6	99.9	99.9
4.7	23.1	1721.9	825.0	17.5	8.4	999.9	99.9	99.9	99.9	308.2	332.0	8.5	55.3	99.9	99.9
5.7	25.6	1985.0	800.0	17.3	1.2	999.9	99.9	99.9	99.9	310.3	325.6	5.3	34.1	99.9	99.9
6.4	28.1	2255.1	775.0	15.4	1.3	999.9	99.9	99.9	99.9	311.2	327.1	5.5	38.4	99.9	99.9
7.2	31.1	2532.3	750.0	13.2	3.5	999.9	99.9	99.9	99.9	311.8	320.9	6.6	51.7	99.9	99.9
8.2	34.3	2816.6	725.0	11.6	-5.2	999.9	99.9	99.9	99.9	312.6	323.4	3.6	30.5	99.9	99.9
9.1	36.7	3109.6	700.0	10.1	-5.7	999.9	99.9	99.9	99.9	314.2	325.0	3.6	32.4	99.9	99.9
10.1	39.6	3410.7	675.0	7.1	1.8	999.9	99.9	99.9	99.9	314.5	333.4	6.5	88.8	99.9	99.9
11.4	42.4	3720.5	650.0	5.2	-0.2	999.9	99.9	99.9	99.9	315.6	332.8	5.8	88.6	99.9	99.9
12.6	45.4	4037.8	625.0	4.1	-4.6	206.7	18.9	7.5	14.9	317.7	337.9	4.4	53.0	13.3	15.
13.8	48.6	4371.5	600.0	1.4	-6.0	226.7	18.9	8.5	16.9	318.2	329.0	3.5	49.6	14.6	20.
14.9	51.6	4712.8	575.0	-1.3	-14.7	215.8	19.2	10.6	14.7	318.7	325.4	2.1	35.1	15.8	21.
16.2	54.9	5065.1	550.0	-4.3	-17.8	216.4	19.7	12.3	17.8	319.2	327.4	1.7	33.9	17.2	22.
17.4	58.2	5425.8	525.0	-7.4	-14.3	216.4	22.1	13.1	17.8	319.8	327.4	2.4	57.6	18.6	23.
18.6	61.5	5808.0	500.0	-10.6	-14.4	212.9	23.1	12.5	15.4	320.4	328.3	2.5	73.8	21.2	24.
19.8	64.9	6201.1	475.0	-13.2	-13.2	210.9	25.5	13.1	21.9	322.0	331.2	2.9	100.2	21.9	25.
21.3	68.3	6611.5	450.0	-16.2	-18.3	210.4	27.2	13.8	23.4	323.0	329.5	2.0	83.7	23.9	25.
23.4	71.9	7039.2	425.0	-21.2	-38.5	212.3	29.0	15.9	24.2	321.8	323.0	0.3	19.4	26.3	26.
24.3	75.7	7484.2	400.0	-25.6	-40.5	212.9	33.3	18.1	28.0	325.6	326.6	0.3	17.7	29.0	27.
27.5	83.7	7955.0	375.0	-25.8	-42.4	211.0	32.8	16.9	26.1	327.4	328.3	0.2	19.0	32.3	27.
29.3	87.4	8451.2	350.0	-29.6	-44.5	212.3	34.9	18.6	29.5	328.7	329.5	0.2	21.8	35.4	28.
31.4	92.6	8935.6	325.0	-32.7	-46.8	213.9	37.4	20.9	31.0	331.5	332.2	0.2	22.8	39.7	28.
33.6	97.2	10134.1	300.0	-36.1	-45.6	220.3	38.5	24.9	29.3	334.4	335.2	0.2	36.7	44.6	29.
35.8	102.3	10774.5	275.0	-40.9	99.9	218.1	34.5	21.3	27.1	336.0	999.9	99.9	99.9	50.4	30.
37.8	107.6	11466.0	250.0	-46.3	99.9	224.6	37.6	26.4	26.7	337.2	999.9	99.9	99.9	54.6	31.
40.0	113.3	12221.0	225.0	-51.8	99.9	231.0	42.6	33.1	28.8	339.1	993.9	99.9	99.9	59.6	32.
42.4	119.3	13054.0	200.0	-56.2	99.9	230.1	42.2	32.4	27.0	343.9	999.9	99.9	99.9	65.0	34.
46.1	126.3	13993.2	150.0	-64.6	99.9	245.6	29.9	28.0	30.4	344.6	999.9	99.9	99.9	71.3	36.
50.0	133.0	15100.9	125.0	-64.4	99.9	238.8	28.9	24.6	10.4	358.9	999.9	99.9	99.9	76.6	38.
54.7	140.3	16465.8	100.0	-66.4	99.9	231.5	27.5	18.2	14.9	378.4	999.9	99.9	99.9	86.1	40.
60.3	147.3	18205.1	75.0	-65.9	99.9	223.7	16.5	11.4	11.9	434.7	999.9	99.9	99.9	95.1	41.
67.8	154.3	21692.4	50.0	-60.1	99.9	186.0	6.4	0.7	6.4	502.0	999.9	99.9	99.9	97.3	39.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY⁹⁵

STATION NO. 261
DEL RIO, TX

27 APRIL 1975
2015 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	8.8	314.0	576.0	28.2	20.0	130.0	7.2	-5.5	4.6	306.1	347.7	15.4	41.0	0.9	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
6.7	10.5	498.1	950.0	24.6	18.9	134.6	9.7	-6.9	6.8	304.1	343.5	14.6	78.7	0.4	308.
1.6	12.7	731.7	925.0	22.2	18.4	131.5	10.3	-7.4	7.1	304.0	343.2	14.6	78.7	1.0	313.
3.0	15.0	969.8	500.0	20.0	17.9	131.6	10.3	-7.7	6.8	304.1	343.3	14.6	87.8	1.7	312.
3.9	17.1	1213.0	875.0	17.8	17.2	133.4	10.5	-7.6	7.2	304.2	342.7	14.3	95.9	2.4	313.
5.1	19.5	1461.7	835.0	17.7	15.0	163.4	6.8	-1.9	6.5	306.4	341.4	12.8	65.0	2.9	314.
6.5	21.6	1718.9	825.0	20.5	-3.3	239.7	2.4	2.0	1.2	310.8	321.7	3.7	19.9	3.1	319.
7.6	24.2	1593.4	800.0	18.5	-5.5	259.4	3.6	3.8	0.7	311.4	320.9	3.2	18.9	3.0	322.
8.5	26.4	2254.5	775.0	17.0	-8.0	254.9	7.0	6.8	1.8	312.4	320.7	2.7	17.4	2.9	328.
9.5	28.9	2532.2	750.0	14.4	-8.8	250.6	9.2	9.1	1.5	312.5	320.5	2.6	19.1	2.8	334.
10.6	31.5	2817.2	725.0	12.4	-11.1	251.6	10.1	9.6	3.2	313.4	320.4	2.3	18.2	2.7	351.
11.8	34.2	3110.5	700.0	10.9	-12.2	236.6	10.3	8.6	5.7	314.9	321.5	2.1	18.3	3.0	4.
12.9	36.7	3412.0	675.0	8.2	-15.5	228.5	10.7	8.0	7.1	315.0	320.0	1.6	15.6	3.5	13.
14.2	39.4	3722.2	650.0	6.3	-18.0	225.1	15.2	10.7	10.7	316.2	320.4	1.3	14.3	4.4	19.
15.5	42.0	4011.9	625.0	4.1	-20.6	229.4	20.9	15.6	13.8	317.2	321.1	1.2	14.5	5.6	26.
17.0	44.9	4372.4	600.0	2.1	-19.9	223.7	24.2	16.7	17.4	318.7	323.0	1.3	17.6	7.7	32.
18.3	47.8	4714.3	575.0	-0.6	-21.8	218.4	24.2	15.1	19.0	319.4	323.2	1.2	18.3	9.5	33.
19.7	50.7	5068.1	550.0	-3.1	-14.5	208.8	26.9	13.4	23.4	320.7	326.8	1.9	34.7	11.7	34.
21.1	53.7	5434.2	525.0	-6.7	-14.4	205.2	26.9	11.4	24.3	320.6	324.1	2.4	54.3	13.9	33.
22.5	56.6	5812.8	500.0	-10.5	-15.5	206.6	27.2	12.2	24.3	320.5	327.8	2.3	66.7	16.1	31.
24.0	59.9	6204.5	475.0	-14.0	-23.4	210.6	26.7	13.6	23.0	320.7	324.7	1.2	44.6	18.7	31.
25.6	63.3	6613.6	450.0	-16.4	-41.9	214.1	27.7	17.1	21.8	322.5	323.3	0.2	8.9	21.1	31.
27.4	66.4	7041.2	425.0	-19.4	-38.8	220.3	30.4	19.7	23.2	324.1	325.3	0.3	16.3	24.4	32.
29.0	69.7	7489.3	400.0	-22.4	-31.9	225.0	31.1	22.0	22.0	325.8	328.1	0.7	41.7	27.1	34.
30.6	73.2	7959.4	375.0	-26.2	-43.9	228.1	30.4	21.1	21.8	326.5	327.6	0.2	15.2	30.1	35.
32.3	77.0	8455.1	350.0	-29.6	-42.7	218.5	34.4	20.5	27.7	328.8	329.7	0.2	26.5	33.4	35.
34.0	80.9	8911.0	325.0	-32.8	-39.0	221.1	32.9	21.7	24.8	331.4	332.8	0.4	53.6	37.0	35.
36.0	85.6	9318.6	300.0	-37.7	-45.9	223.8	33.2	23.0	24.0	332.2	333.2	0.3	57.7	41.0	34.
38.2	89.2	10132.6	275.0	-42.4	-39.9	220.2	35.6	24.9	29.4	333.9	333.9	99.9	99.9	45.8	37.
40.5	94.0	10768.7	250.0	-47.6	99.9	232.0	36.8	29.0	22.7	335.3	339.9	99.9	99.9	50.3	37.
42.8	98.8	11457.6	225.0	-52.6	99.9	231.4	40.3	31.5	25.1	337.9	340.0	99.9	99.9	56.3	39.
45.1	104.0	12211.5	200.0	-57.2	99.9	231.9	42.1	36.7	30.3	342.3	349.9	99.9	99.9	62.4	40.
47.6	108.8	13043.7	175.0	-63.8	99.9	246.2	57.1	52.2	27.1	344.7	349.9	99.9	99.9	68.9	42.
50.9	116.0	13975.4	150.0	-73.2	99.9	231.2	41.3	33.0	24.7	349.2	349.9	99.9	99.9	76.6	44.
54.6	123.0	15072.1	125.0	-68.0	99.9	233.8	36.1	30.1	8.7	371.8	349.9	99.9	99.9	87.2	47.
58.9	131.0	16404.4	100.0	-72.3	99.9	231.3	22.7	17.7	14.2	389.1	349.9	99.9	99.9	92.9	48.
64.1	139.7	18127.8	75.0	-66.8	99.9	228.3	7.6	-0.7	5.1	433.0	349.9	99.9	99.9	97.9	48.
71.7	159.3	20595.0	50.0	-63.9	99.9	173.4	6.2	-0.7	5.9	500.1	349.9	99.9	99.9	99.7	48.
83.6	159.7	25015.5	25.0	-52.4	99.9	210.7	2.7	1.4	2.3	634.4	349.9	99.9	99.9	100.6	47.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEX

27 APRIL 1975
2015 GMT

TIME MM	CMCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MR RTO GM/KG	RM MCT	RANGE KM	AZ DG
00	120.1	973.0	908.6	29.4	-1.9	250.0	11.3	11.1	2.0	311.5	322.5	3.7	13.0	0.0	0.
01	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04	120.0	957.3	900.0	27.0	8.2	250.0	17.4	16.8	4.5	310.4	332.6	7.8	31.3	0.4	70.
05	130.1	1204.9	875.0	24.4	7.5	250.0	19.1	14.6	4.1	310.2	331.5	7.5	33.9	1.5	75.
06	170.0	1456.9	850.0	21.0	4.9	250.0	19.1	14.8	3.0	309.0	327.4	6.4	34.9	2.6	75.
07	180.3	1714.1	825.0	18.6	3.0	250.0	14.2	14.1	1.8	309.0	325.6	5.8	35.3	3.4	77.
08	21.4	1976.8	800.0	16.0	1.0	250.0	13.9	13.7	2.3	308.9	323.9	5.2	36.1	4.1	78.
09	23.6	2245.5	775.0	13.8	-0.3	257.5	13.3	13.0	2.9	309.3	323.9	4.8	37.7	4.8	78.
10	25.8	2520.4	750.0	11.1	-1.9	236.4	12.8	10.4	9.7	310.9	321.6	3.6	33.6	6.0	74.
11	28.2	2802.7	725.0	10.0	-5.2	231.8	15.6	12.3	9.7	310.9	321.6	3.6	33.6	6.0	74.
12	30.7	3051.0	700.0	7.4	-7.5	236.3	18.2	15.1	10.1	311.0	320.4	3.1	33.8	6.7	72.
13	32.2	3300.9	675.0	4.7	-9.9	236.8	19.8	16.5	10.8	311.3	319.4	2.7	33.6	7.6	70.
14	35.7	3697.4	650.0	2.5	-13.3	237.1	21.4	17.9	11.6	312.0	318.6	2.1	29.9	9.6	69.
15	38.3	4012.7	625.0	-0.3	-16.3	235.6	21.9	18.1	12.4	312.3	317.7	1.7	28.4	9.8	67.
16	40.8	4338.1	600.0	-2.1	-17.8	232.4	23.8	18.9	14.6	313.9	318.8	1.6	28.8	11.0	66.
17	43.6	4675.4	575.0	-3.8	-18.1	230.1	29.3	22.5	16.8	315.7	320.8	1.6	31.8	12.6	64.
18	46.4	5024.6	550.0	-6.6	-18.6	225.1	33.9	24.0	23.9	316.4	321.6	1.6	37.9	14.7	62.
19	49.4	5386.3	525.0	-9.6	-18.3	219.5	36.8	22.2	26.9	317.1	322.6	1.7	49.0	17.1	59.
20	52.3	5760.9	500.0	-13.0	-16.5	216.1	35.2	20.7	28.4	317.4	324.1	2.1	75.2	19.6	56.
21	55.3	6149.8	475.0	-16.2	-20.6	219.4	36.1	22.9	27.9	318.0	323.1	0.5	69.3	22.1	54.
22	58.5	6554.9	450.0	-18.5	-32.6	224.5	36.4	25.5	26.0	320.0	321.8	0.5	27.6	24.9	52.
23	61.9	6979.9	425.0	-20.0	-33.9	224.9	39.7	28.0	28.1	323.4	325.2	0.5	27.5	27.7	52.
24	65.3	7427.5	400.0	-22.6	-36.3	222.8	44.6	30.3	32.8	325.6	327.1	0.4	27.1	31.3	51.
25	68.9	7898.2	375.0	-25.6	-39.3	217.4	41.0	24.9	32.6	327.7	328.9	0.3	26.3	35.1	50.
26	72.4	8394.6	350.0	-29.8	-42.9	214.6	45.6	25.9	37.5	328.5	329.4	0.2	26.5	39.2	48.
27	76.5	8918.0	325.0	-34.1	-46.3	212.3	45.9	24.5	38.8	329.7	330.3	0.2	27.3	43.8	47.
28	80.6	9473.0	300.0	-38.9	-50.6	211.6	48.4	25.4	41.2	330.4	330.3	0.1	27.5	49.4	46.
29	85.0	10063.4	275.0	-43.9	99.9	212.6	47.8	25.7	40.2	331.7	999.9	99.9	99.9	54.4	44.
30	89.4	10657.6	250.0	-47.7	99.9	219.8	49.0	31.3	37.6	335.1	999.9	99.9	99.9	60.1	43.
31	94.6	11385.4	225.0	-53.1	99.9	224.1	47.1	32.8	33.8	337.2	999.9	99.9	99.9	66.3	43.
32	99.8	12136.2	200.0	-58.1	99.9	227.4	50.8	41.8	38.4	340.8	999.9	99.9	99.9	74.8	43.
33	105.8	12968.2	175.0	-61.4	99.9	230.1	57.6	44.2	37.0	348.6	999.9	99.9	99.9	82.8	44.
34	112.3	13927.9	150.0	-59.7	99.9	225.0	59.3	27.8	27.8	367.2	999.9	99.9	99.9	91.5	44.
35	119.7	15061.5	125.0	-62.9	99.9	226.4	55.8	24.6	23.4	381.1	999.9	99.9	99.9	97.8	44.
36	126.7	16429.7	100.0	-62.9	99.9	239.4	55.8	13.6	6.0	406.3	999.9	99.9	99.9	105.9	45.
37	136.5	18179.0	75.0	-65.9	99.9	181.8	11.5	0.4	11.5	434.7	999.9	99.9	99.9	108.1	45.
38	149.5	20688.5	50.0	-59.9	99.9	61.3	23.9	-20.5	-11.2	502.3	999.9	99.9	99.9	110.7	44.
39	162.0	25122.9	25.0	-48.8	99.9	119.6	3.9	-3.4	1.9	644.5	999.9	99.9	99.9	109.6	44.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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STATION NO. 270
EL PASO, TEX27 APRIL 1975
2100 GMT

TIME MM	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MAX WIND G/M/KG	RM PCT	RANGE KM	AZ DG
00	16.2	1193.0	876.6	19.0	-17.5	285.0	10.2	9.9	-2.4	303.3	306.7	1.1	7.0	0.0	0.
01	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06	16.5	1228.1	875.0	18.2	-16.5	285.6	11.8	11.4	-3.2	302.8	306.5	1.2	6.2	0.2	37.
07	18.8	1473.7	850.0	14.1	-15.8	285.2	14.5	14.0	-3.6	301.1	305.1	1.3	11.0	0.9	102.
08	21.0	1723.6	825.0	11.4	-16.0	285.6	17.3	16.6	-4.9	300.8	304.9	1.3	13.0	2.0	102.
09	23.4	1979.4	800.0	9.0	-16.3	279.7	17.9	17.7	-3.0	300.9	304.9	1.3	14.9	3.5	104.
10	25.6	2241.0	775.0	6.7	-18.1	277.2	13.7	13.7	-0.8	301.1	304.8	1.2	15.0	4.5	102.
11	28.0	2508.4	750.0	3.7	-19.2	282.1	12.6	12.0	3.9	300.7	304.1	1.1	16.8	5.4	95.
12	30.6	2782.4	725.0	1.5	-19.7	281.4	15.9	15.7	2.4	301.3	304.7	1.1	18.8	6.4	96.
13	33.2	3071.6	700.0	-0.6	-20.3	280.1	16.6	16.1	4.0	301.9	305.1	1.0	20.1	7.3	94.
14	35.7	3374.7	675.0	-0.3	-22.7	282.9	26.5	25.4	7.8	305.4	308.3	0.9	16.4	9.3	89.
15	38.3	3657.2	650.0	-2.5	-24.7	283.7	26.0	24.9	7.3	306.3	308.8	0.8	16.1	10.9	87.
16	40.9	3960.0	625.0	-2.9	-26.5	287.4	26.1	25.5	5.7	309.1	311.4	0.7	14.2	12.2	85.
17	43.7	4249.0	600.0	-5.3	-28.3	289.3	28.5	28.0	5.3	310.0	312.1	0.6	14.3	13.4	83.
18	46.5	4620.5	575.0	-7.4	-32.6	287.0	32.5	31.7	7.3	311.4	312.8	0.4	11.2	14.9	84.
19	49.4	4965.3	550.0	-10.1	-34.5	286.6	34.9	33.6	9.2	312.1	313.3	0.4	11.4	16.5	82.
20	52.3	5321.8	525.0	-13.0	-36.6	280.7	35.5	33.6	11.7	312.8	313.9	0.3	11.7	18.4	82.
21	55.3	5691.3	500.0	-16.6	-39.2	277.5	35.8	33.1	13.7	312.8	313.9	0.2	12.0	20.3	81.
22	58.3	6074.2	475.0	-19.9	-40.8	285.4	34.6	31.7	14.5	313.4	314.2	0.2	13.4	22.8	79.
23	61.6	6473.1	450.0	-23.0	-43.2	285.5	33.9	29.9	13.7	314.3	314.9	0.2	13.7	26.2	78.
24	65.0	6870.6	425.0	-27.9	-43.9	282.7	35.0	31.1	16.0	316.3	319.0	0.2	13.7	30.0	76.
25	68.3	7331.7	400.0	-26.2	-47.1	289.4	38.6	33.2	19.7	320.9	321.4	0.1	11.9	33.9	74.
26	71.7	7795.2	375.0	-29.4	-49.2	289.9	41.7	34.5	23.4	322.6	323.0	0.1	12.6	36.7	73.
27	75.5	8263.9	350.0	-33.1	-52.0	284.7	47.5	36.8	27.4	324.1	324.4	0.1	12.9	40.0	71.
28	79.5	8801.3	325.0	-35.2	-54.4	285.7	48.4	40.2	26.6	329.8	330.1	0.1	13.5	49.5	68.
29	83.3	9353.3	300.0	-39.3	-56.8	287.5	48.2	40.2	26.6	329.8	330.1	0.1	13.5	49.5	68.
30	87.5	9943.7	275.0	-43.8	-59.9	285.5	45.8	38.6	20.5	331.8	330.9	0.9	99.9	54.9	67.
31	92.2	10570.5	250.0	-49.1	-59.9	285.0	43.4	35.5	24.9	333.0	330.9	0.9	99.9	59.8	66.
32	96.8	11261.4	225.0	-53.1	-59.9	284.8	40.8	37.3	26.3	337.2	330.9	0.9	99.9	65.7	65.
33	101.8	12014.3	200.0	-56.5	-59.9	289.2	50.8	43.6	26.0	341.3	330.9	0.9	99.9	74.8	64.
34	107.8	12864.1	175.0	-56.2	-59.9	289.1	47.0	40.3	24.1	357.2	330.9	0.9	99.9	83.3	63.
35	113.8	13832.9	150.0	-59.5	-59.9	282.0	46.7	32.4	17.2	367.7	330.9	0.9	99.9	89.8	63.
36	120.7	14982.6	125.0	-50.3	-59.9	281.0	24.1	21.1	11.6	393.0	330.9	0.9	99.9	98.7	63.
37	128.3	16345.8	100.0	-59.4	-59.9	174.5	9.5	-0.9	9.5	412.9	330.9	0.9	99.9	103.2	62.
38	137.0	18154.3	75.0	-66.1	-59.9	280.3	7.1	6.7	2.4	434.3	330.9	0.9	99.9	107.1	61.
39	145.7	20677.4	50.0	-59.4	-59.9	282.3	1.5	0.6	1.4	506.0	330.9	0.9	99.9	108.7	61.
40	154.5	25107.9	25.0	-50.1	-59.9	89.1	4.1	-4.1	-0.1	641.0	330.9	0.9	99.9	109.2	60.

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 • BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 • BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENN
27 APRIL 1975
2015 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.1	180.0	995.0	29.3	16.5	190.0	3.1	0.5	3.1	304.5	337.1	12.0	46.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	6.5	360.1	975.0	26.2	14.2	180.7	5.5	0.1	5.1	303.0	331.5	10.5	47.5	0.3	357.
1.6	6.7	588.5	950.0	24.0	13.6	183.7	5.1	0.3	5.1	303.0	331.5	10.4	52.1	0.6	358.
2.3	10.6	821.3	925.0	21.5	12.7	197.4	5.5	1.6	5.2	303.1	330.5	10.0	55.8	0.8	2.
3.2	12.7	1058.5	900.0	19.0	11.5	205.6	5.9	2.6	5.3	303.0	329.1	9.6	59.7	1.1	7.
3.9	15.0	1370.3	875.0	17.3	9.6	206.0	6.6	2.9	5.9	303.0	326.7	8.6	60.5	1.3	11.
4.6	17.0	1547.6	850.0	15.7	7.7	213.8	6.3	3.5	5.2	303.6	325.3	7.8	59.0	1.6	14.
5.2	19.4	1800.7	825.0	13.8	6.7	224.2	7.2	5.0	5.1	304.2	325.1	7.5	62.0	1.8	17.
5.9	21.5	2059.7	800.0	11.9	5.9	224.7	9.0	6.3	6.4	304.8	325.2	7.3	66.7	2.1	22.
6.7	23.9	2324.7	775.0	9.7	3.9	232.8	9.1	7.3	5.5	305.1	323.6	6.6	67.4	2.5	26.
7.5	26.1	2596.5	750.0	8.1	1.6	242.3	8.5	7.5	4.5	306.1	322.5	5.8	63.9	2.9	31.
8.4	28.6	2876.0	725.0	6.8	-5.1	254.9	7.0	6.8	1.6	307.4	318.0	3.6	42.2	3.3	35.
9.5	31.2	3163.6	700.0	5.5	-9.7	263.5	7.9	7.8	0.9	309.0	316.9	2.6	32.3	3.6	40.
10.6	33.8	3460.5	675.0	5.2	-15.3	273.9	10.9	10.9	-0.7	311.6	317.0	1.7	21.1	4.0	47.
11.6	36.3	3767.4	650.0	3.1	-13.7	276.8	12.2	12.1	-1.4	312.7	319.0	2.0	28.0	4.5	54.
12.6	38.0	4083.6	625.0	0.4	-5.9	290.4	12.8	12.0	-4.5	313.4	325.2	4.0	62.9	5.1	60.
13.7	41.4	4410.2	600.0	-2.1	-5.9	297.4	14.6	13.0	-6.7	314.2	326.6	4.1	74.7	5.6	67.
14.8	44.2	4747.7	575.0	-4.0	-7.1	294.1	16.8	15.3	-6.9	315.9	327.7	3.9	78.8	6.3	75.
15.9	47.2	5097.0	550.0	-6.8	-8.4	296.8	16.1	14.4	-7.3	316.5	327.8	3.7	85.0	7.2	80.
17.1	50.2	5460.3	525.0	-7.6	-13.7	295.3	16.8	15.2	-7.2	319.6	327.6	2.5	61.5	8.2	85.
18.3	53.1	5837.7	500.0	-11.1	-15.8	290.8	18.2	17.0	-6.5	319.7	326.8	2.2	68.3	9.4	89.
19.5	56.1	6229.6	475.0	-14.1	-19.4	291.7	18.2	17.0	-6.7	320.7	324.3	1.7	63.6	10.6	92.
20.9	59.4	6638.1	450.0	-16.9	-21.0	291.8	18.2	16.9	-6.8	322.2	327.4	1.6	70.3	12.0	94.
22.2	62.9	7065.3	425.0	-19.7	-23.8	296.6	18.9	16.9	-8.4	323.9	329.2	1.3	69.5	13.4	96.
23.1	66.2	7513.7	400.0	-22.0	-30.9	302.6	16.5	13.9	-9.9	326.4	324.9	0.7	43.9	14.8	99.
24.1	70.0	7964.6	375.0	-26.0	-35.3	296.0	17.3	15.5	-7.6	327.2	329.0	0.5	40.6	16.2	100.
26.1	73.6	8440.8	350.0	-29.9	-36.6	294.0	18.0	16.5	-7.3	328.3	329.7	0.4	42.4	17.9	102.
28.7	77.7	9004.1	325.0	-33.9	-45.5	301.0	21.0	14.0	-10.4	329.9	330.6	0.2	30.1	20.0	103.
30.7	81.8	9581.0	300.0	-37.9	-51.3	300.1	21.7	14.8	-10.9	331.8	332.3	0.1	22.8	22.4	105.
32.6	86.0	10154.2	275.0	-42.6	-59.9	308.2	22.8	17.9	-14.1	333.5	333.5	99.9	999.9	25.0	107.
34.8	90.8	10789.8	250.0	-48.4	-69.9	308.3	25.1	19.7	-15.6	334.1	334.1	99.9	999.9	28.0	110.
37.2	95.8	11474.1	225.0	-54.3	-79.9	309.1	26.5	20.6	-16.7	335.3	335.3	99.9	999.9	31.5	112.
39.9	101.3	12218.6	200.0	-60.0	-89.9	309.0	32.2	25.4	-19.8	337.7	337.7	99.9	999.9	35.7	114.
42.9	107.3	13040.5	175.0	-66.2	-99.9	306.1	32.2	26.0	-19.0	340.7	340.7	99.9	999.9	41.6	116.
46.2	114.0	13958.2	150.0	-71.2	-99.9	309.9	26.3	23.6	-11.6	347.5	347.5	99.9	999.9	47.8	117.
50.2	121.3	15048.6	125.0	-67.7	-99.9	304.8	22.4	18.4	-12.8	372.5	372.5	99.9	999.9	51.4	117.
55.1	130.0	16395.8	100.0	-68.3	-99.9	321.1	21.2	13.3	-16.5	395.8	395.8	99.9	999.9	60.9	118.
61.1	136.3	18136.7	75.0	-66.0	-99.9	356.1	7.3	0.9	-7.2	434.6	434.6	99.9	999.9	65.7	120.
65.3	140.5	20442.8	50.0	-57.8	-99.9	82.9	5.8	-5.8	-0.7	507.2	507.2	99.9	999.9	66.0	123.
85.0	160.5	25069.1	25.0	-51.9	-99.9	131.4	2.7	-2.0	1.8	635.6	635.6	99.9	999.9	63.7	124.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE 25
OF FOUR QUALITY

STATION NO. 340
 LITTLE ROCK, ARK

 27 APRIL 1975
 2030 GMT

TIME MIN	CHTCY	HEIGHT GPM	PRES HP	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POF T DG K	E POT T DG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.9	79.0	1003.4	29.4	20.0	160.0	4.1	-1.4	3.9	304.3	344.3	14.9	57.0	0.0	0.
0.1	6.1	109.4	1000.0	29.7	15.1	189.5	9.3	1.5	9.2	304.3	334.1	10.9	41.3	0.3	13.
0.6	8.3	335.3	975.0	28.8	16.5	189.4	9.3	1.5	9.1	305.8	334.3	12.3	47.5	0.3	13.
1.2	10.5	545.5	950.0	25.6	15.2	187.0	8.4	1.0	8.4	304.8	336.2	11.5	52.5	0.7	11.
1.9	12.6	798.3	925.0	22.9	13.3	179.4	7.9	-0.1	7.9	304.2	332.8	10.5	54.7	1.0	8.
2.6	15.0	1037.4	900.0	20.7	12.4	185.2	9.1	0.8	9.1	304.2	332.0	10.1	59.0	1.3	6.
3.4	17.1	1250.4	875.0	18.3	11.3	187.5	9.7	1.3	9.6	304.3	330.3	9.5	63.9	1.4	7.
4.1	19.6	1528.4	850.0	16.1	10.5	190.0	10.4	1.8	10.2	304.3	328.5	8.6	69.9	2.2	7.
4.9	21.8	1781.8	825.0	14.1	6.7	197.9	11.6	3.6	11.0	304.7	328.5	8.6	69.9	2.6	8.
5.7	24.4	2041.5	800.0	13.6	1.3	205.5	13.7	5.9	12.4	306.3	321.4	5.3	43.2	3.3	11.
6.5	26.7	2308.4	775.0	12.2	-1.5	211.3	14.4	7.5	12.7	307.5	320.4	4.5	38.8	4.0	14.
7.2	28.3	2582.6	750.0	11.8	-9.0	214.2	14.4	7.1	11.9	309.7	317.6	2.6	22.5	4.6	16.
7.9	32.0	2865.2	725.0	11.4	-18.1	212.7	14.5	7.8	12.2	312.2	316.2	1.3	10.8	5.2	19.
8.6	34.7	3158.3	700.0	10.7	-18.6	214.4	13.8	7.8	11.4	314.5	318.5	1.3	10.9	5.8	20.
9.4	37.2	3450.1	675.0	8.8	-15.0	224.1	12.5	8.8	9.0	315.7	319.8	1.3	12.0	6.3	21.
10.2	40.1	3770.7	650.0	6.3	-14.1	227.0	12.5	9.1	8.5	316.3	322.6	2.0	21.6	6.9	24.
11.2	42.7	4090.8	625.0	3.8	-13.4	215.5	13.5	7.8	11.0	317.1	323.9	2.2	27.1	7.6	26.
12.1	45.6	4421.5	600.0	1.9	-10.5	207.8	13.3	6.2	11.8	318.7	327.6	2.9	39.2	8.4	28.
13.2	48.8	4763.4	575.0	-0.7	-10.5	209.8	12.8	6.4	11.1	318.7	327.6	3.0	47.2	9.2	29.
14.2	51.6	5116.9	550.0	-3.6	-9.9	213.6	13.1	7.3	10.9	320.2	330.4	3.3	61.5	10.0	27.
15.2	54.9	5482.5	525.0	-7.2	-10.1	213.9	12.9	7.2	10.7	320.2	330.4	3.4	79.4	10.8	27.
16.2	57.9	5861.3	500.0	-10.1	-14.4	210.8	13.6	7.0	11.7	321.0	328.9	2.5	70.9	11.5	28.
17.2	61.4	6254.4	475.0	-13.6	-23.5	217.3	14.1	6.6	11.2	321.2	325.3	1.2	44.3	12.4	28.
18.4	64.9	6653.6	450.0	-16.0	-36.3	238.9	14.3	12.3	7.4	325.2	326.8	0.4	21.0	13.4	29.
19.7	68.3	7092.5	425.0	-18.5	-36.3	238.9	14.3	12.3	7.4	325.2	326.8	0.4	21.0	14.5	31.
21.1	71.9	7542.1	400.0	-21.5	-38.2	242.8	17.2	15.3	7.9	327.0	328.3	0.6	51.4	15.6	34.
22.5	75.8	8014.6	375.0	-24.8	-31.9	245.5	14.9	13.5	6.2	328.8	331.2	0.7	51.4	16.8	36.
23.9	79.8	8512.6	350.0	-28.9	-43.7	247.0	13.3	12.2	5.2	329.7	330.5	0.2	22.3	17.8	38.
25.6	84.0	9038.2	325.0	-33.2	-40.2	239.4	15.8	13.6	6.0	330.6	332.1	0.3	49.3	19.1	39.
27.3	88.2	9596.3	300.0	-36.9	-45.1	242.7	20.9	18.6	9.6	333.3	334.1	0.2	42.0	20.8	41.
29.1	93.0	10192.8	275.0	-41.2	-49.9	248.7	23.6	22.0	6.6	335.5	339.9	99.9	999.9	23.3	44.
31.2	97.8	10833.6	250.0	-45.9	-49.9	253.1	22.4	21.4	6.5	337.9	339.9	99.9	999.9	25.9	47.
33.2	103.0	11528.3	225.0	-52.0	-49.9	261.4	23.2	22.9	3.5	338.9	339.9	99.9	999.9	28.7	50.
34.3	109.0	12279.7	200.0	-57.3	-49.9	265.3	30.0	29.9	2.5	342.0	339.9	99.9	999.9	32.4	54.
36.8	115.0	13102.7	175.0	-64.4	-49.9	254.4	19.8	19.1	5.3	343.7	339.9	99.9	999.9	36.2	57.
41.7	121.7	14036.6	150.0	-69.8	-49.9	253.4	25.0	23.9	7.1	349.8	339.9	99.9	999.9	44.9	61.
48.4	129.3	15128.8	125.0	-65.6	-49.9	268.7	23.1	11.9	-3.0	376.2	339.9	99.9	999.9	48.4	63.
49.2	137.3	16482.4	100.0	-69.5	-49.9	284.0	12.3	11.9	0.5	376.2	339.9	99.9	999.9	51.0	64.
54.3	145.3	18206.9	75.0	-67.4	-49.9	257.6	7.5	7.3	1.6	431.7	339.9	99.9	999.9	51.0	65.
61.1	154.3	20682.3	50.0	-64.2	-49.9	129.2	3.0	-2.3	1.9	496.9	339.9	99.9	999.9	48.1	63.
71.6	163.7	25080.4	25.0	-51.3	-49.9	129.1	5.7	-4.4	3.6	637.7	339.9	99.9	999.9	48.1	63.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE 04 TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY OKC

27 APRIL 1975
2015 GMT

141 53. 0

TIME MIN	CNTCT	HEIGHT GMS	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MX RTO CM/KS	RH PCT	RANGE KM	AZ DEG
0.0	9.3	302.0	559.7	23.9	17.2	170.0	12.9	-2.2	12.7	302.3	337.1	13.0	64.0	0.0	0.
0.9	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	10.0	401.0	950.0	23.3	16.8	173.7	19.0	-2.1	18.9	302.5	336.9	12.6	66.0	0.4	352.
1.1	12.0	713.2	925.0	20.9	15.8	176.3	18.9	-1.2	18.8	302.3	335.4	12.3	72.6	1.1	353.
2.0	14.3	950.0	900.0	18.7	15.3	180.4	22.3	0.2	22.0	302.5	335.6	12.3	80.7	2.2	356.
2.8	16.3	1191.8	875.0	16.7	14.4	186.2	22.5	2.4	22.4	302.7	334.8	11.9	86.3	3.3	358.
3.8	18.6	1437.0	850.0	15.6	13.7	198.7	27.0	8.6	25.5	304.0	335.9	11.7	88.8	4.6	3.
4.6	20.8	1692.5	825.0	13.6	13.0	200.3	26.9	9.3	25.2	304.5	335.9	11.5	94.6	6.0	6.
5.4	23.2	1952.1	800.0	12.5	12.1	214.2	25.1	14.1	20.7	305.9	336.6	11.2	97.3	7.4	11.
6.7	25.6	2219.0	775.0	11.1	10.7	220.1	24.7	15.9	18.9	307.2	336.3	10.5	97.1	8.8	14.
7.5	27.8	2493.1	750.0	9.8	9.4	214.9	25.4	14.5	20.8	308.6	336.3	9.9	96.9	13.0	18.
8.6	30.4	2775.1	725.0	9.7	-0.1	202.6	26.8	10.3	24.8	310.8	326.6	5.4	94.0	11.5	20.
9.7	33.0	3067.2	700.0	10.0	-6.5	196.7	30.6	8.8	29.3	314.0	326.2	3.4	90.7	13.5	20.
10.9	35.5	3368.3	675.0	7.4	-5.7	197.3	30.5	8.7	29.3	314.4	325.6	3.7	90.1	15.7	19.
12.0	38.2	3677.4	650.0	4.4	-6.0	197.3	27.2	8.1	26.0	314.4	325.6	3.8	46.7	17.7	19.
13.3	40.8	3995.5	625.0	1.9	-6.3	196.9	28.78	6.4	27.5	315.2	326.7	3.8	54.1	19.9	19.
14.7	43.7	4333.6	600.0	-0.5	-7.9	198.5	30.76	9.8	29.1	316.0	326.8	3.5	57.3	22.3	19.
16.1	46.7	4682.9	575.0	-2.3	-16.0	200.6	30.58	10.8	28.6	317.5	323.6	1.9	34.0	25.0	19.
17.8	49.8	5014.1	550.0	-5.2	-15.9	203.1	31.66	12.4	29.1	318.2	324.4	2.0	42.5	27.5	19.
19.0	52.6	5377.7	525.0	-8.3	-18.0	206.1	39.49	17.3	35.4	318.7	324.3	1.8	45.2	30.8	20.
20.3	55.7	5754.6	500.0	-11.1	-22.5	206.8	32.76	14.7	29.2	319.6	323.8	1.3	38.3	33.7	20.
21.7	59.0	6145.5	475.0	-14.5	-14.9	202.5	31.29	11.9	28.6	320.3	328.3	2.6	96.7	36.3	21.
23.0	62.4	6584.1	450.0	-16.8	-16.8	200.8	33.08	11.7	30.8	321.4	329.7	2.3	99.8	38.5	21.
24.7	65.9	6980.9	425.0	-20.1	-21.3	202.2	45.46	17.2	42.1	323.3	328.7	1.6	90.1	42.3	21.
26.8	69.6	7427.3	400.0	-23.8	-26.6	203.9	30.46	12.3	27.8	324.1	327.8	1.1	77.9	48.1	21.
28.7	73.2	7895.3	375.0	-27.7	-40.7	203.5	54.49	21.7	49.9	324.9	325.9	0.3	27.7	53.3	21.
30.7	77.2	8386.4	350.0	-30.7	-36.9	208.0	39.68	16.8	35.9	327.4	329.0	0.5	54.1	58.2	21.
32.6	81.2	8910.7	325.0	-34.1	-41.0	201.5	47.66	17.5	44.3	329.7	330.9	99.9	99.9	69.6	21.
34.5	85.6	9455.8	300.0	-38.7	99.0	202.1	47.38	17.6	43.8	330.7	99.9	99.9	99.9	75.1	22.
36.9	90.2	10057.1	275.0	-43.6	99.9	206.3	56.68	25.1	50.7	332.0	99.9	99.9	99.9	83.7	23.
39.3	95.2	10692.0	250.0	-48.0	99.9	225.1	25.28	17.9	17.6	334.6	99.9	99.9	99.9	93.0	24.
41.4	100.2	11383.3	225.0	-52.6	99.9	222.8	53.99	36.6	39.5	337.9	99.9	99.9	99.9	95.6	24.
43.8	105.8	12130.7	200.0	-58.0	99.9	241.5	46.99	41.2	22.4	339.6	99.9	99.9	99.9	106.5	25.
46.9	111.8	12959.6	175.0	-63.4	99.9	274.2	26.19	26.1	-1.9	345.0	99.9	99.9	99.9	113.6	31.
50.2	118.5	13904.9	150.0	-68.1	99.9	254.0	6.36	6.1	1.7	366.5	99.9	99.9	99.9	111.4	31.
54.1	125.8	15036.1	125.0	-83.3	99.9	213.8	33.49	18.7	27.9	380.4	99.9	99.9	99.9	118.4	31.
58.6	133.7	16396.2	100.0	-85.4	99.9	214.7	11.09	6.3	9.0	401.3	99.9	99.9	99.9	99.9	99.9
64.7	141.7	18104.0	75.0	-85.5	99.9	75.0	3.38	-3.2	-0.0	435.6	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 363
AMARILLO, TEX27 APRIL 1975
2045 GMT

TIME MIN	CMTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX WFO CM/KG	RH PCT	RANGE KM	AZ DEG
00	144	1098.0	880.3	20.9	-10.6	250.0	17.7	16.6	6.1	305.2	311.1	1.9	11.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01	14.8	1147.6	875.0	19.8	-7.2	246.7	20.4	18.7	8.1	304.7	312.3	2.6	15.6	0.7	46.
1.2	16.8	1395.2	850.0	17.5	-7.4	247.8	22.4	20.8	8.5	304.9	312.5	2.6	17.4	1.9	65.
1.9	18.9	1648.3	825.0	14.8	-9.5	251.1	24.9	23.6	8.1	304.5	311.3	2.2	17.6	2.9	66.
2.6	20.9	1907.2	800.0	12.5	-11.3	251.2	22.5	21.6	7.3	304.7	310.8	2.0	17.8	4.1	88.
3.6	23.2	2172.0	775.0	10.4	-12.9	253.2	27.0	24.1	12.2	305.2	310.8	1.8	17.9	5.6	68.
4.4	25.5	2443.8	750.0	8.2	-14.7	236.6	30.3	25.3	16.7	305.7	310.7	1.6	18.0	6.8	67.
5.0	27.7	2722.1	725.0	5.7	-16.6	230.8	27.0	21.0	17.1	305.8	310.3	1.4	18.2	7.8	65.
5.5	30.1	3007.5	700.0	3.2	-18.5	228.4	26.0	21.6	19.2	306.2	310.2	1.3	18.4	8.5	64.
6.0	32.6	3301.1	675.0	0.7	-20.5	226.5	30.2	21.9	20.8	306.6	310.0	1.1	18.5	9.4	62.
6.5	35.2	3602.7	650.0	-1.5	-23.2	225.0	32.1	22.7	22.7	307.3	310.2	0.9	17.2	13.4	60.
7.3	37.6	3913.7	625.0	-3.8	-25.0	223.9	37.9	26.3	27.3	308.2	310.8	0.8	17.3	11.7	58.
8.1	40.2	4230.5	600.0	-3.1	-25.5	216.6	42.1	26.3	32.9	312.6	315.2	0.8	15.7	13.8	56.
8.9	42.8	4572.2	575.0	-5.0	-26.9	204.1	33.4	13.6	30.5	314.2	316.7	0.7	15.8	17.2	50.
11.9	45.7	4916.8	550.0	-7.8	-29.1	200.0	37.9	18.4	33.1	314.9	317.0	0.6	16.1	21.2	45.
13.4	48.6	5280.3	525.0	-9.8	-30.7	214.6	37.0	21.0	30.5	314.7	318.6	0.6	15.2	23.9	44.
14.5	51.4	5655.2	500.0	-12.0	-32.4	215.2	39.0	22.5	31.9	318.4	320.2	0.5	16.4	27.1	43.
15.4	54.5	6046.6	475.0	-13.9	-33.8	209.6	41.1	20.3	35.7	320.9	322.4	0.5	16.5	29.5	42.
16.4	57.6	6434.9	450.0	-17.2	-36.5	202.6	42.6	16.3	39.2	321.6	322.9	0.4	16.8	31.5	41.
17.4	61.0	6880.0	425.0	-20.8	-39.3	206.7	59.4	26.7	53.0	322.3	323.4	0.3	17.0	34.3	39.
18.7	64.4	7325.4	400.0	-24.1	-41.0	206.1	56.8	25.0	51.0	323.6	324.5	0.3	19.2	36.9	38.
20.1	68.0	7793.8	375.0	-26.6	-43.0	205.7	43.3	18.7	39.0	326.3	327.1	0.2	19.4	42.8	37.
21.5	71.5	8278.9	350.0	-29.9	-45.7	207.2	63.1	26.9	56.1	328.4	329.1	0.2	19.6	48.1	36.
23.0	75.5	8812.8	325.0	-33.7	-48.8	202.1	45.9	17.3	42.6	330.2	330.7	0.1	19.9	57.6	35.
24.5	79.8	9365.6	300.0	-37.7	-52.1	202.6	42.3	16.1	38.8	332.2	332.6	0.1	27.1	54.3	34.
26.0	84.0	9965.0	275.0	-42.5	99.9	204.8	44.8	18.8	40.6	333.7	333.7	99.9	99.9	60.2	33.
27.7	88.8	10601.9	250.0	-47.3	99.9	209.6	97.1	48.0	84.4	335.7	335.7	99.9	99.9	64.2	33.
30.6	94.0	11292.1	225.0	-50.9	99.9	212.1	26.0	13.8	22.3	340.5	340.5	99.9	99.9	75.9	32.
31.8	96.4	12053.1	200.0	-53.8	99.9	209.8	68.1	33.9	59.1	347.5	347.5	99.9	99.9	81.9	32.
33.8	103.3	12901.6	175.0	-56.5	99.9	214.5	43.5	24.6	35.8	356.6	356.6	99.9	99.9	88.3	32.
36.2	112.0	13832.4	150.0	-56.5	99.9	86.0	10.0	-10.0	-0.7	372.8	372.8	99.9	99.9	89.8	32.
36.8	114.5	15037.0	125.0	-57.8	99.9	99.9	99.9	99.9	99.9	390.3	390.3	99.9	99.9	99.9	99.9
39.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
45.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
48.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, N MEX
27 APRIL 1975
2044 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0-0	19-5	1619-0	832-6	11-7	-11-8	270-0	15-4	15-4	0-0	303-4	305-9	1-9	18-6	0-0	0-0
0-5	90-9	99-9	1000-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
0-10	90-9	99-9	975-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
0-15	90-9	99-9	950-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
0-20	90-9	99-9	925-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
0-25	90-9	99-9	900-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
0-30	90-9	99-9	875-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
0-35	90-9	99-9	850-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
0-40	90-9	99-9	825-0	8-8	-18-4	270-3	15-9	19-9	-0-1	298-0	301-4	1-1	12-9	0-7	93-0
0-45	23-3	1695-2	825-0	5-4	-24-6	271-0	19-9	19-9	-0-6	297-0	299-1	0-6	9-2	1-6	92-0
1-0	22-5	1947-7	820-0	5-4	-23-8	269-1	19-2	19-2	0-3	296-8	299-6	0-7	12-0	2-7	91-0
1-5	20-8	2255-6	775-0	0-3	-22-3	269-1	18-1	18-1	0-3	297-0	299-6	0-8	16-3	3-7	91-0
2-0	20-9	2459-4	750-0	-2-7	-23-0	267-6	16-6	16-7	0-7	296-6	299-1	0-8	19-2	4-7	90-0
2-5	29-4	2739-7	725-0	-5-5	-23-2	268-0	18-7	18-7	0-7	296-5	299-1	0-8	23-2	5-7	90-0
3-0	31-9	3016-2	700-0	-9-0	-25-5	273-5	21-8	21-8	-1-3	296-7	298-9	0-7	22-9	6-9	90-0
3-5	34-4	3300-3	675-0	-13-8	-23-7	275-0	20-8	20-8	-0-9	296-9	299-3	0-8	29-8	8-1	90-0
4-0	36-8	3592-0	650-0	-16-9	-25-7	277-2	22-3	22-2	-1-2	296-6	299-0	0-8	45-9	9-2	91-0
4-5	41-9	4200-3	600-0	-19-7	-26-6	274-0	22-3	22-2	-1-6	296-9	299-3	0-7	54-2	12-4	92-0
5-0	44-7	4588-2	575-0	-22-9	-26-8	273-5	21-9	21-9	-0-4	297-5	299-4	0-3	33-0	14-9	92-0
5-5	47-6	4846-3	550-0	-25-7	-26-5	269-4	23-9	23-9	0-3	298-6	299-7	0-3	44-5	16-3	92-0
6-0	50-4	5165-4	525-0	-28-2	-35-1	270-0	25-6	25-6	-0-0	299-2	300-5	0-4	69-1	17-8	92-0
6-5	53-3	5537-3	500-0	-31-3	-38-4	270-9	27-3	27-3	-0-4	299-6	300-8	0-3	88-5	19-5	91-0
7-0	56-1	5902-9	475-0	-34-7	-42-9	264-0	28-1	27-9	2-9	301-1	301-8	0-2	56-3	21-4	92-0
7-5	59-4	6283-5	450-0	-37-4	-42-9	264-0	28-1	27-9	2-9	301-1	301-8	0-2	56-3	21-4	92-0
8-0	62-7	6690-1	425-0	-39-0	-42-9	264-0	28-1	27-9	2-9	301-1	301-8	0-2	56-3	21-4	92-0
8-5	65-8	7102-4	400-0	-35-0	-42-9	264-0	28-1	27-9	2-9	301-1	301-8	0-2	56-3	21-4	92-0
9-0	69-3	7552-9	375-0	-35-3	-42-9	264-0	28-1	27-9	2-9	301-1	301-8	0-2	56-3	21-4	92-0
9-5	72-9	8031-9	350-0	-37-0	-42-9	264-0	28-1	27-9	2-9	301-1	301-8	0-2	56-3	21-4	92-0
10-0	76-7	8523-7	325-0	-38-2	-42-9	264-0	28-1	27-9	2-9	301-1	301-8	0-2	56-3	21-4	92-0
10-5	80-7	9091-6	300-0	-40-2	-42-9	264-0	28-1	27-9	2-9	301-1	301-8	0-2	56-3	21-4	92-0
11-0	85-0	9685-4	275-0	-39-9	-42-9	264-0	28-1	27-9	2-9	301-1	301-8	0-2	56-3	21-4	92-0
11-5	89-2	10333-9	250-0	-42-1	-42-9	264-0	28-1	27-9	2-9	301-1	301-8	0-2	56-3	21-4	92-0
12-0	94-2	11044-5	225-0	-43-9	-42-9	264-0	28-1	27-9	2-9	301-1	301-8	0-2	56-3	21-4	92-0
12-5	99-0	11831-2	200-0	-46-6	-42-9	264-0	28-1	27-9	2-9	301-1	301-8	0-2	56-3	21-4	92-0
13-0	104-5	12710-2	175-0	-50-4	-42-9	264-0	28-1	27-9	2-9	301-1	301-8	0-2	56-3	21-4	92-0
13-5	110-6	13708-0	150-0	-53-4	-42-9	264-0	28-1	27-9	2-9	301-1	301-8	0-2	56-3	21-4	92-0
14-0	117-3	14892-3	125-0	-52-3	-42-9	264-0	28-1	27-9	2-9	301-1	301-8	0-2	56-3	21-4	92-0
14-5	125-0	16305-8	100-0	-60-0	-42-9	264-0	28-1	27-9	2-9	301-1	301-8	0-2	56-3	21-4	92-0
15-0	133-7	18100-8	75-0	-59-8	-42-9	264-0	28-1	27-9	2-9	301-1	301-8	0-2	56-3	21-4	92-0
15-5	142-7	20628-9	50-0	-57-5	-42-9	264-0	28-1	27-9	2-9	301-1	301-8	0-2	56-3	21-4	92-0
16-0	152-3	25046-6	25-0	-51-2	-42-9	264-0	28-1	27-9	2-9	301-1	301-8	0-2	56-3	21-4	92-0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 456
TOPEKA, KAN

27 APRIL 1975
2015 GMT

TIME MM	CNCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MN RTO GM/KG	RH PCT	RANGE KM	AZ DG
00	6.5	268.0	973.1	26.7	21.2	180.0	9.8	0.0	9.8	304.5	348.9	16.6	72.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	6.6	479.7	950.0	23.9	17.3	172.9	12.2	-1.5	12.1	303.3	338.9	13.2	66.6	0.5	358.
1.5	10.6	712.7	925.0	21.5	16.2	174.9	12.4	-0.2	12.6	303.0	337.1	12.7	71.9	1.0	356.
2.2	2.7	950.0	900.0	19.4	16.1	187.1	15.1	1.9	15.0	303.2	337.9	12.9	81.2	1.5	359.
3.2	19.6	1192.1	875.0	16.9	15.3	187.3	14.9	2.1	14.7	303.1	337.0	12.6	89.9	2.5	2.
4.2	16.8	1439.4	840.0	15.0	14.4	191.9	14.3	3.9	14.9	303.5	336.7	12.5	96.0	3.6	4.
5.2	16.2	1692.3	825.0	13.3	12.6	201.6	17.7	6.5	16.4	304.1	334.7	11.2	95.7	4.7	7.
6.1	21.3	1951.9	800.0	12.4	11.6	207.7	17.3	8.0	15.3	305.6	335.5	10.8	94.8	5.6	10.
6.9	23.6	2218.6	775.0	11.4	9.9	204.6	14.7	6.1	13.4	307.4	335.1	10.0	90.9	6.4	12.
8.0	25.8	2493.3	750.0	10.6	9.4	202.7	15.7	6.1	14.5	308.4	337.4	10.0	92.4	7.3	14.
9.0	28.3	2775.9	725.0	8.8	7.9	204.3	16.5	6.8	15.0	310.4	336.6	9.3	93.6	8.3	15.
10.0	30.8	3066.2	700.0	7.0	6.3	205.1	17.9	7.6	16.2	311.3	335.8	8.4	95.2	9.3	16.
11.2	33.4	3364.8	675.0	5.4	3.4	202.9	20.6	8.0	14.9	311.5	332.4	7.3	93.1	10.6	17.
12.7	37.1	3673.5	650.0	6.0	-5.8	203.0	25.1	9.8	23.1	316.2	327.9	3.8	42.6	12.6	18.
13.6	40.1	3943.6	625.0	4.0	-10.1	205.1	25.3	10.8	22.9	317.4	326.2	2.8	34.7	14.3	19.
14.9	43.4	4244.3	600.0	1.6	-11.5	208.2	27.5	13.0	24.2	318.3	326.6	2.6	37.1	16.1	20.
16.1	43.9	4658.6	575.0	-0.5	-16.7	212.3	29.4	15.8	25.1	319.5	324.4	1.5	23.7	18.0	21.
17.2	45.9	5018.8	550.0	-3.7	-14.6	215.7	27.2	15.9	22.1	319.8	324.6	1.5	27.9	20.1	22.
18.6	48.8	5364.0	525.0	-7.2	-20.8	216.9	27.2	16.3	21.7	319.8	323.9	1.2	37.4	22.1	23.
19.9	52.6	5761.6	500.0	-10.9	-22.6	215.9	26.8	15.7	21.7	319.8	323.9	1.2	37.4	24.2	24.
21.4	58.7	6154.1	475.0	-13.3	-33.7	216.1	24.2	15.5	21.2	321.5	323.1	0.5	16.0	26.5	26.
22.9	58.9	6563.6	450.0	-16.7	-35.2	210.1	27.1	13.6	23.4	322.2	323.7	0.4	18.3	29.2	28.
24.6	62.3	6930.1	425.0	-19.3	-34.9	215.6	32.1	18.7	26.1	324.3	325.9	0.5	23.9	32.1	27.
26.2	65.6	7338.7	400.0	-21.8	-37.7	220.0	30.8	14.8	23.6	326.6	324.4	0.5	29.9	35.0	29.
28.0	69.1	7809.9	375.0	-25.7	-35.1	221.4	27.0	18.6	19.6	327.5	329.3	0.5	40.7	37.7	29.
29.6	72.7	8277.3	350.0	-29.1	-42.5	225.7	24.4	20.3	19.8	329.4	330.4	0.3	26.0	40.4	30.
31.4	76.7	8832.7	325.0	-33.3	-43.7	223.0	33.2	23.0	24.0	330.7	331.6	0.2	34.0	43.4	31.
33.2	80.7	9499.6	300.0	-38.2	-46.4	220.3	27.4	17.7	20.9	331.4	332.2	0.2	41.2	47.3	32.
35.2	85.0	10081.7	275.0	-43.1	99.9	224.5	27.7	19.4	19.1	332.7	999.9	99.9	99.9	51.0	32.
37.5	89.6	10716.4	250.0	-48.4	99.9	223.4	41.6	28.5	30.2	334.1	999.9	99.9	99.9	56.0	34.
40.1	94.6	11402.1	225.0	-53.6	99.9	231.3	29.0	22.7	16.2	336.4	999.9	99.9	99.9	60.6	36.
42.9	95.8	12153.5	200.0	-58.6	99.9	230.1	32.3*	24.8	20.7	340.0	999.9	99.9	99.9	65.5	36.
45.8	103.5	12979.8	175.0	-63.9	99.9	223.6	22.7*	15.6	16.4	344.6	999.9	99.9	99.9	69.4	37.
48.0	111.8	13916.4	150.0	-65.7	99.9	218.9	22.9*	14.4	17.8	356.5	999.9	99.9	99.9	73.4	37.
51.1	119.0	15040.7	125.0	-65.8	99.9	248.2	16.7	15.5	6.2	364.0	999.9	99.9	99.9	79.8	38.
53.9	127.0	16114.5	100.0	-65.7	99.9	218.0	20.1	12.4	15.4	400.8	999.9	99.9	99.9	83.7	39.
64.1	134.3	18189.8	75.0	-61.8	99.9	200.0	8.6	2.9	8.0*	443.3	999.9	99.9	99.9	86.4	39.
72.3	146.0	20724.9	50.0	-57.7	99.9	61.0	9.0	-7.8	-4.4	507.5	999.9	99.9	99.9	85.2	38.
82.1	156.7	25161.8	25.0	-51.5	99.9	139.0	5.1	-3.4	3.9	637.1	999.9	99.9	99.9	83.0	35.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER

27 APRIL 1975
2026 GMT

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED K/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KS	SM PCT	RANGE KM	AZ DEG
0.0	5.9	180.0	995.2	28.4	16.3	110.0	1.6	-1.5	0.5	303.4	335.7	11.0	48.0	0.0	0.0
0.5	99.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0.6	7.4	362.4	975.0	27.1	15.6	179.5	3.4	-0.0	3.4	304.2	337.6	12.3	52.6	0.1	337.0
1.0	9.3	591.2	950.0	24.0	13.1	180.0	3.8	0.4	3.7	303.1	334.2	11.8	57.6	0.3	350.0
2.0	11.1	824.0	925.0	21.5	12.4	201.6	4.4	1.6	4.1	302.8	332.9	10.9	62.1	0.6	3.0
3.7	13.0	1041.3	900.0	19.6	12.4	194.2	4.9	1.2	4.7	303.3	330.9	10.1	62.1	0.9	0.0
4.6	15.0	1303.5	875.0	17.5	11.7	195.0	4.9	1.3	4.8	303.5	329.2	11.3	78.2	1.1	0.0
5.5	16.8	1551.0	850.0	15.2	10.6	194.0	6.2	1.9	5.9	303.6	327.9	11.1	86.4	1.4	11.0
6.4	18.9	1803.4	825.0	13.1	10.6	214.5	7.3	4.0	5.8	303.8	320.7	9.8	84.7	1.7	13.0
7.3	20.9	2062.4	800.0	11.3	7.0	214.6	7.4	4.2	6.1	304.2	325.1	7.9	74.7	2.1	12.0
8.3	23.1	2327.5	775.0	10.2	1.9	206.7	6.8	3.0	6.1	303.5	321.7	5.7	56.3	2.6	20.0
9.2	25.2	2594.8	750.0	8.5	-2.5	207.5	6.7	3.1	5.9	303.4	318.8	4.3	44.0	2.9	20.0
10.2	27.3	2870.9	725.0	7.9	-4.9	220.4	6.7	4.3	5.1	303.6	319.4	3.7	39.9	3.3	22.0
11.3	29.7	3146.8	700.0	7.4	-9.1	232.0	5.3	3.7	3.1	311.0	319.3	2.7	30.0	3.7	25.0
12.4	32.1	3467.5	675.0	6.3	-17.7	245.8	4.6	4.2	1.9	312.9	317.3	1.4	15.9	3.9	27.0
13.4	34.8	3775.2	650.0	3.5	-17.4	268.4	4.7	4.7	0.1	313.1	317.9	1.5	19.8	4.1	30.0
14.5	36.8	4092.0	625.0	1.1	-15.3	286.4	6.1	5.6	-1.7	313.9	319.8	1.9	28.0	4.2	34.0
15.8	39.4	4418.8	600.0	-1.3	-17.1	294.1	7.4	6.8	-3.0	314.8	320.1	1.7	28.4	4.4	41.0
17.1	41.8	4756.4	575.0	-3.6	-21.2	300.2	9.5	8.2	-4.8	315.9	319.9	1.2	23.9	4.6	49.0
18.5	44.6	5106.7	550.0	-5.2	-15.0	304.2	10.9	9.0	-0.1	317.2	325.0	2.2	44.1	4.6	59.0
19.4	47.4	5470.4	525.0	-7.9	-16.0	306.9	11.9	9.5	-7.2	319.1	325.8	2.1	52.3	5.3	67.0
20.9	50.3	5848.2	500.0	-10.5	-19.8	308.2	11.6	9.1	-7.1	320.3	325.5	1.6	46.2	5.8	75.0
22.3	53.1	6240.7	475.0	-13.7	-22.5	304.5	11.7	9.4	-7.0	321.1	325.5	1.3	47.1	6.4	81.0
23.7	56.1	6674.5	450.0	-16.6	-25.6	308.6	13.7	10.7	-0.6	322.5	326.6	1.2	52.6	7.1	87.0
25.0	59.4	7076.9	425.0	-19.4	-26.6	310.9	14.4	12.4	-10.8	324.1	327.6	1.0	52.9	8.1	92.0
26.5	62.9	7524.5	400.0	-23.1	-29.9	309.3	16.9	13.1	-10.7	325.0	327.7	0.8	53.5	9.3	99.0
28.2	66.1	7994.5	375.0	-25.9	-33.1	310.4	15.6	11.9	-10.1	327.3	329.5	0.6	50.4	10.7	103.0
29.8	69.9	8491.6	350.0	-28.0	-41.5	310.3	13.2	10.1	-8.6	328.6	330.9	0.3	27.9	12.1	106.0
31.0	73.6	9017.5	325.0	-32.9	-46.4	309.8	13.4	10.3	-9.6	331.2	331.9	0.2	24.2	13.4	109.0
33.7	77.8	9575.0	300.0	-39.0	-50.6	312.8	11.8	8.7	-8.3	331.7	332.1	0.1	25.2	14.7	111.0
35.7	82.0	10160.2	275.0	-42.9	-54.9	307.3	12.6	10.3	-7.8	333.1	333.1	0.9	99.9	16.2	113.0
37.7	86.4	10704.2	250.0	-47.5	-59.9	312.4	17.7	13.1	-11.9	335.4	335.4	0.9	99.9	17.9	114.0
39.9	91.6	11491.3	225.0	-53.9	-64.9	312.7	16.3	13.4	-11.4	336.0	336.0	0.9	99.9	23.2	117.0
42.3	97.0	12237.0	200.0	-59.8	-69.9	300.5	20.6	22.9	-13.5	338.1	338.1	0.9	99.9	23.4	118.0
45.0	103.0	13058.0	175.0	-64.6	-74.9	305.8	32.7	20.5	-10.2	340.1	340.1	0.9	99.9	28.1	119.0
47.7	109.0	13977.5	150.0	-71.3	-79.9	307.6	26.7	21.1	-16.3	342.2	342.2	0.9	99.9	32.7	120.0
51.0	117.0	15054.3	125.0	-67.8	-74.9	306.7	24.9	19.9	-15.9	342.2	342.2	0.9	99.9	37.6	120.0
54.6	125.7	16394.7	100.0	-68.7	-79.9	314.1	23.4	16.8	-16.3	345.1	345.1	0.9	99.9	43.2	121.0
58.9	135.7	18104.0	75.0	-69.0	-84.9	344.2	10.0	2.7	-9.7	428.4	428.4	0.9	99.9	47.2	121.0
64.0	146.0	20584.2	50.0	-60.3	-89.9	24.5	1.0	-0.5	-0.9	501.3	501.3	0.9	99.9	48.7	126.0
77.2	157.5	24970.7	25.0	-54.2	-94.9	109.0	1.6	-1.8	0.5	629.0	629.0	0.9	99.9	47.9	127.0

0.2 - SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0.5 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 0.0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22002
FT. SILL, OKLA

27 APRIL 1971
2100 GMT

TIME MIN	CHTCY	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	WZ RTO CM/KS	RM PCT	RANGE KM	AZ DEG
0.0	9.3	362.0	962.1	23.8	17.3	150.0	10.3	-3.2	8.9	302.0	337.0	13.1	67.0	0.0	0.
0.5	9.9	362.0	1002.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.0	10.3	472.3	950.0	24.1	18.0	161.6	10.6	-5.9	17.7	302.5	340.7	13.8	68.6	3.5	33.6
1.5	12.5	706.4	625.0	22.1	16.4	166.6	20.1	-3.7	19.5	303.7	338.3	12.8	69.9	1.3	34.1
2.2	14.8	946.4	900.0	20.3	15.4	172.3	22.1	-3.0	21.9	303.1	337.6	12.4	73.7	2.5	34.5
3.2	17.0	1187.3	275.0	18.2	14.9	181.9	23.4	0.8	23.4	304.4	337.8	12.3	81.2	3.7	34.9
4.0	19.4	1476.0	850.0	16.6	14.7	191.4	23.5	4.7	23.5	305.2	339.1	12.5	88.4	4.8	35.3
5.0	21.7	1690.5	825.0	15.1	14.1	202.2	18.7	8.1	17.9	306.2	340.2	12.4	93.8	6.0	35.8
5.9	24.1	1951.7	800.0	13.9	13.0	217.9	17.7	10.9	14.0	307.6	340.4	11.9	94.1	6.9	3.
7.0	26.4	2220.0	775.0	12.4	11.5	237.8	16.9	13.5	10.2	308.8	339.7	11.1	92.9	7.7	8.
7.9	28.0	2495.1	750.0	10.6	9.6	239.0	17.4	14.9	9.0	309.6	337.4	10.1	92.2	8.4	13.
9.2	31.7	2772.4	725.0	8.3	7.5	238.7	17.0	16.5	8.6	309.7	335.1	9.0	94.5	9.4	19.
10.3	34.3	3067.5	700.0	7.1	2.0	232.3	15.0	11.9	9.2	311.2	329.6	6.4	70.2	15.2	23.
11.6	36.8	3365.5	675.0	4.6	-1.2	225.8	15.1	10.8	10.6	311.4	326.7	5.2	66.2	11.3	25.
13.3	39.4	3672.2	650.0	0.7	-1.8	213.9	17.4	9.7	14.4	310.4	325.9	5.3	84.2	12.8	27.
14.5	42.2	3968.2	625.0	-0.6	-2.9	206.4	22.2	9.9	19.9	311.2	313.5	0.6	10.3	16.0	27.
15.7	45.0	4311.3	600.0	-1.9	-2.1	200.0	25.2	17.2	23.0	312.9	315.8	0.4	8.7	14.3	27.
16.8	48.0	4646.1	575.0	-4.3	-3.4	202.0	27.8	16.4	25.7	315.0	316.5	0.4	8.9	17.7	26.
17.9	50.8	4994.4	550.0	-7.3	-2.4	199.2	33.2	10.9	31.3	315.5	318.7	1.0	23.9	19.7	27.
19.2	54.0	5357.5	525.0	-9.2	-2.9	194.8	37.9	9.7	36.4	317.5	321.3	1.1	31.5	22.5	25.
20.5	57.0	5737.1	500.0	-11.9	-2.6	192.4	29.2	6.3	28.5	319.6	321.2	0.8	25.1	25.2	24.
21.7	60.3	6123.2	475.0	-15.4	-2.7	193.9	28.3	6.8	27.4	319.1	324.1	1.6	63.9	27.1	23.
22.7	63.6	6531.6	450.0	-18.4	-2.2	193.4	32.5	7.5	31.7	322.7	328.3	1.7	72.5	29.0	22.
23.9	66.9	6950.2	425.0	-19.5	-2.8	197.6	64.2	19.4	61.2	325.1	328.9	1.4	75.0	31.1	22.
25.2	70.4	7406.9	400.0	-23.0	-2.7	196.4	55.1	15.6	52.8	325.2	328.6	1.1	71.4	37.3	21.
26.5	74.0	7877.4	375.0	-25.1	-2.7	202.9	41.0	18.0	37.8	328.4	331.7	0.9	71.4	41.0	21.
27.7	77.9	8375.7	350.0	-27.4	-3.7	211.6	34.1	18.9	30.8	331.6	334.3	0.8	47.5	43.6	21.
28.9	81.7	8938.5	325.0	-31.8	-3.3	216.7	27.3	19.1	25.6	334.6	334.7	0.5	64.1	45.7	22.
30.4	85.9	9454.3	300.0	-36.1	-4.2	215.4	25.9	13.5	23.8	334.5	337.7	0.3	54.7	48.5	23.
31.6	90.2	10063.1	275.0	-41.1	99.9	212.6	35.5	16.4	25.7	335.7	999.9	99.9	999.9	51.1	23.
33.8	95.0	10702.2	250.0	-46.1	99.9	212.9	25.1	13.6	24.1	337.5	999.9	99.9	999.9	53.8	24.
36.6	99.8	11731.8	225.0	-51.8	99.9	234.9	23.9	19.6	13.7	339.2	999.9	99.9	999.9	57.4	25.
38.7	104.9	12150.6	200.0	-57.3	99.9	239.9	42.9	27.6	32.9	342.1	999.9	99.9	999.9	61.2	27.
40.2	110.4	12981.4	175.0	-64.2	99.9	220.0	27.4	17.6	21.0	344.0	999.9	99.9	999.9	64.3	27.
42.8	116.5	13923.2	150.0	-62.3	99.9	222.0	27.7	18.5	20.7	342.8	999.9	99.9	999.9	68.4	28.
45.6	123.5	15068.0	125.0	-58.5	99.9	213.1	24.7	13.5	20.7	345.2	999.9	99.9	999.9	72.0	29.
48.6	130.9	15442.0	100.0	-65.9	99.9	207.6	33.3	15.4	27.5	403.4	999.9	99.9	999.9	74.0	29.
50.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
94.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

107

Sounding Data

28 April 1975

0000 GMT

STATION NO. 213
WAYCROSS, GA27 APRIL 1975
2315 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SFC	V COMP M/SFC	POT Y DG K	E POT Y DG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	4.0	44.0	1010.0	27.0	17.8	100.0	2.2	-2.2	0.4	301.0	335.2	12.8	57.0	0.0	0.0
0.2	4.9	132.7	1000.0	24.8	19.7	120.3	6.0	-5.2	3.0	304.0	343.5	14.7	57.9	0.1	318.0
0.9	6.6	358.2	975.0	27.6	18.2	131.3	6.9	-5.2	4.5	304.8	341.6	13.6	56.6	0.4	305.0
1.7	8.7	588.2	950.0	25.8	16.8	153.5	5.8	-2.6	5.2	305.1	339.9	12.8	57.6	3.6	313.0
2.5	10.6	825.7	925.0	23.7	15.1	170.4	6.1	-1.0	6.0	305.1	337.3	11.8	58.7	0.9	322.0
3.3	12.7	1061.7	900.0	21.5	14.3	185.1	6.7	0.0	6.7	305.3	336.7	11.5	63.3	1.1	331.0
4.3	14.9	1305.5	875.0	19.4	13.8	207.0	6.8	3.1	6.1	305.4	336.7	11.4	70.2	1.5	340.0
5.1	16.9	1554.9	850.0	17.7	12.6	225.0	7.2	5.1	5.1	306.1	336.0	10.9	72.2	1.7	350.0
6.0	19.1	1805.8	825.0	15.2	14.0	228.5	7.6	5.7	5.0	306.4	340.0	12.5	92.0	2.0	1.0
7.0	21.2	2070.6	800.0	13.4	12.7	238.0	7.3	6.2	3.9	307.0	339.0	11.6	95.2	2.2	9.0
7.9	23.5	2338.2	775.0	11.9	11.1	247.1	7.7	7.1	3.0	308.0	337.9	10.8	94.8	2.5	17.0
8.9	25.8	2612.4	750.0	9.7	8.8	260.8	6.7	6.6	1.1	308.4	335.2	9.6	94.0	2.8	25.0
10.0	28.2	2894.1	725.0	8.1	6.8	274.2	6.2	6.1	-0.4	309.4	333.7	8.8	91.6	3.0	32.0
11.0	30.7	3183.7	700.0	6.6	5.6	284.4	6.1	5.9	-1.5	310.7	329.8	8.6	75.4	3.1	39.0
12.1	33.2	3482.1	675.0	5.3	-1.7	307.0	4.9	4.2	-2.7	312.2	326.9	5.0	60.6	3.3	44.0
13.1	35.7	3785.8	650.0	3.0	0.4	320.9	4.7	3.0	-3.7	313.2	330.9	6.1	62.7	3.3	50.0
14.2	38.3	4108.2	625.0	0.4	-0.1	335.6	5.6	3.9	-4.0	313.7	331.6	6.1	98.1	3.3	45.0
15.2	40.8	4433.7	600.0	-1.3	-2.0	324.7	6.8	3.9	-5.5	315.3	331.6	5.5	95.1	3.4	62.0
16.3	43.6	4772.8	575.0	-2.9	-6.6	338.0	7.6	2.9	-7.1	317.2	329.5	4.1	75.4	3.4	69.0
17.5	46.5	5124.7	550.0	-4.2	-5.1	343.3	8.5	2.4	-8.2	319.5	330.4	3.5	68.8	3.4	80.0
18.7	49.5	5498.1	525.0	-6.8	-18.5	350.8	7.5	1.2	-7.4	320.4	325.8	1.7	38.7	3.5	90.0
19.9	52.3	5870.1	500.0	-8.4	-19.0	355.0	8.4	0.7	-8.4	323.0	326.6	1.7	42.0	3.6	98.0
21.3	55.3	6268.2	475.0	-11.5	-18.0	342.8	10.2	3.0	-9.6	324.0	330.4	2.0	56.4	3.9	109.0
22.7	58.4	6670.2	450.0	-14.0	-19.8	337.8	11.6	4.4	-10.7	325.9	332.2	1.9	66.7	4.5	118.0
24.2	61.9	7111.6	425.0	-16.5	-23.6	328.5	13.1	6.8	-11.2	328.0	332.5	1.3	53.7	5.4	128.0
25.7	65.3	7584.9	400.0	-19.6	-28.5	326.2	13.6	7.5	-11.2	329.6	333.2	1.1	51.3	6.6	138.0
27.4	68.7	8040.5	375.0	-23.2	-34.1	324.9	15.0	6.4	-13.6	330.9	330.9	0.0	1.1	7.9	132.0
29.1	72.3	8542.1	350.0	-27.0	-47.2	326.8	16.1	8.8	-13.6	332.2	332.3	0.0	1.0	9.5	136.0
30.8	76.3	9072.1	325.0	-30.9	-41.9	321.2	15.5	9.8	-12.1	334.0	335.1	0.3	33.7	11.1	137.0
32.8	80.4	9635.6	300.0	-35.2	-64.5	329.4	18.7	9.5	-16.1	335.7	335.8	0.0	4.5	13.2	138.0
34.9	84.7	10234.9	275.0	-40.7	99.9	323.6	18.1	8.0	-16.2	336.3	339.9	99.9	99.9	15.2	140.0
37.3	89.2	10755.6	250.0	-46.4	99.9	326.0	19.6	8.0	-17.9	337.0	339.9	99.9	99.9	18.1	143.0
39.5	94.4	11505.7	225.0	-52.5	99.9	327.9	20.5	10.9	-17.3	338.1	339.9	99.9	99.9	21.1	143.0
42.6	94.8	12310.6	200.0	-58.7	99.9	327.4	20.8	13.8	-26.4	339.8	339.9	99.9	99.9	24.9	145.0
45.7	105.5	13144.6	175.0	-64.5	99.9	324.7	32.1	13.7	-29.3	343.5	339.9	99.9	99.9	30.8	147.0
49.0	112.0	14071.7	150.0	-71.3	99.9	326.1	27.4	15.3	-22.7	347.3	339.9	99.9	99.9	36.6	148.0
53.4	119.3	15153.4	125.0	-67.4	99.9	319.7	30.7	19.9	-23.4	372.9	339.9	99.9	99.9	44.6	146.0
56.5	125.0	16490.6	100.0	-69.9	99.9	320.6	25.4	12.9	-21.9	392.7	339.9	99.9	99.9	53.9	145.0
64.4	137.5	19226.7	75.0	-87.6	99.9	319.2	9.5	6.2	-7.2	431.2	339.9	99.9	99.9	60.2	145.0
73.2	147.5	20717.7	50.0	-60.8	99.9	103.3	1.8	-1.7	0.4	500.2	339.9	99.9	99.9	63.0	146.0
87.3	157.7	25143.0	25.0	-51.2	99.9	106.7	6.2	-5.9	1.8	637.9	339.9	99.9	99.9	64.4	147.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 226
CENTERVILLE, ALA

27 APRIL 1975
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

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TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GN/KG	RM PCT	RANGE KM	AZ DG
0.0	6.3	140.0	998.9	26.9	19.5	230.0	2.1	1.6	1.3	302.1	300.7	14.5	64.0	3.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	8.6	354.1	975.0	25.7	15.6	99.9	99.9	99.9	99.9	302.6	313.8	11.5	53.5	99.9	99.9
1.9	10.9	582.0	950.0	23.1	15.4	99.9	99.9	99.9	99.9	302.1	331.6	10.9	57.9	99.9	99.9
2.8	13.4	814.1	925.0	21.0	13.5	99.9	99.9	99.9	99.9	302.2	330.9	10.6	62.1	99.9	99.9
3.7	15.8	1050.9	900.0	19.2	13.3	99.9	99.9	99.9	99.9	302.7	331.9	10.8	68.8	99.9	99.9
4.7	18.3	1292.6	875.0	16.7	11.8	203.4	7.2	2.9	6.6	302.4	329.6	10.0	72.8	1.6	11.
5.7	20.8	1539.4	850.0	15.1	8.5	237.9	9.8	8.3	5.2	303.1	325.9	8.3	64.7	2.0	21.
6.6	23.3	1791.8	825.0	13.5	5.3	202.1	8.1	3.0	7.5	303.8	322.8	6.8	57.3	2.4	25.
7.5	25.8	2050.6	800.0	12.0	5.6	157.4	8.3	2.5	7.9	304.9	325.0	7.2	65.1	2.9	29.
8.5	28.5	2315.9	775.0	9.8	5.4	183.8	7.6	0.5	7.6	305.3	325.7	7.3	74.0	3.4	22.
9.4	31.3	2587.7	750.0	8.2	-0.0	178.1	6.9	-0.2	6.9	306.1	320.9	5.2	56.8	3.8	19.
10.8	34.1	2867.2	725.0	7.4	-13.2	180.4	6.1	0.0	6.1	307.8	313.6	1.9	21.5	4.2	17.
11.8	36.8	3155.7	700.0	7.1	-13.8	191.8	4.0	0.8	3.9	310.6	315.6	1.6	17.9	4.6	16.
13.0	39.7	3454.0	675.0	5.9	-19.5	176.2	2.9	-0.2	2.9	312.4	316.3	1.2	14.0	4.8	16.
14.1	42.3	3761.9	650.0	4.1	-14.6	111.9	1.6	-1.5	0.6	313.8	319.7	1.9	24.2	4.9	15.
15.3	45.3	4079.5	625.0	1.8	-14.6	26.5	1.6	-0.7	-1.4	314.7	320.9	2.0	28.3	4.8	14.
16.5	48.4	4407.0	600.0	-0.6	-15.7	357.9	4.7	0.2	-4.7	315.6	321.5	1.9	30.8	4.7	15.
18.0	51.3	4746.4	575.0	-2.0	-14.3	1.1	4.9	-0.1	-4.8	317.9	324.9	2.2	38.2	4.1	16.
19.3	54.4	5058.2	550.0	-4.5	-16.3	0.4	3.2	-0.0	-3.2	318.9	325.2	2.0	39.3	3.9	17.
20.6	57.5	5463.2	525.0	-7.0	-19.4	330.9	3.6	1.7	-3.1	320.2	325.3	1.6	36.2	3.6	19.
22.1	60.9	5861.2	500.0	-10.7	-20.5	300.4	3.0	2.6	-1.5	320.1	325.0	1.5	44.1	3.5	24.
23.5	64.3	6234.0	475.0	-12.7	-24.1	314.5	5.6	4.0	-3.9	322.3	325.0	0.8	26.3	3.5	29.
25.1	67.6	6644.8	450.0	-15.4	-32.8	318.8	9.2	6.1	-6.9	323.9	325.8	0.5	20.9	3.3	40.
26.7	71.0	7073.6	425.0	-18.8	-43.6	328.0	11.6	6.0	-10.0	324.8	325.5	0.2	8.1	3.2	48.
28.6	74.7	7523.0	400.0	-21.9	-37.1	326.5	13.0	7.2	-10.8	326.5	327.9	0.4	24.0	3.5	92.
30.1	78.5	7994.7	375.0	-25.4	-35.4	328.6	12.7	6.6	-10.9	328.0	329.8	0.5	38.9	4.2	98.
32.2	82.3	8491.4	350.0	-29.2	99.9	326.1	13.3	7.4	-11.1	329.4	999.9	99.9	999.9	5.3	111.
34.1	86.3	9016.8	325.0	-32.9	99.9	310.0	11.7	8.9	-7.5	331.3	999.9	99.9	999.9	6.7	117.
36.3	90.6	9576.0	300.0	-36.9	99.9	293.5	9.2	8.5	-3.7	333.3	999.9	99.9	999.9	7.9	117.
38.5	95.2	10171.3	275.0	-42.1	99.9	297.0	10.7	9.6	-4.9	334.3	999.9	99.9	999.9	9.2	117.
41.0	99.8	10806.6	250.0	-47.3	99.9	284.8	13.2	12.8	-3.4	335.8	999.9	99.9	999.9	11.1	116.
43.3	104.6	11496.9	225.0	-53.4	99.9	288.4	18.6	17.6	-5.9	336.7	999.9	99.9	999.9	13.3	114.
46.4	110.2	12241.3	200.0	-60.6	99.9	296.6	22.4	20.0	-10.0	336.8	999.9	99.9	999.9	17.3	114.
50.1	115.8	13060.6	175.0	-66.9	99.9	292.5	32.1	29.7	-12.3	339.5	999.9	99.9	999.9	22.6	115.
53.8	122.0	13978.7	150.0	-71.0	99.9	291.4	36.0	33.5	-13.2	347.8	999.9	99.9	999.9	30.5	114.
57.5	129.0	15071.5	125.0	-70.6	99.9	325.9	16.5	9.2	-13.7	367.2	999.9	99.9	999.9	36.0	116.
62.8	136.7	16399.4	100.0	-69.6	99.9	314.4	20.5	14.6	-14.3	393.2	999.9	99.9	999.9	42.7	117.
68.7	144.7	18109.2	75.0	-71.7	99.9	331.1	12.4	4.0	-10.8	422.6	999.9	99.9	999.9	48.7	120.
79.0	159.7	20564.6	50.0	-63.9	99.9	125.3	2.6	-2.1	1.6	492.9	999.9	99.9	999.9	50.1	123.
94.3	144.0	24936.6	25.0	-52.8	99.9	125.3	2.1	-1.7	1.2	632.9	999.9	99.9	999.9	47.8	123.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
ROOTHVILLE, LA

27 APRIL 1975
2315 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	4.6	1.0	1015.7	24.3	20.4	130.0	3.6	-2.8	2.3	298.2	337.6	15.1	79.0	0.0	0.
0.6	6.1	137.8	1000.0	23.1	19.9	133.5	5.5	-4.0	3.8	298.3	337.1	14.8	81.8	3.2	311.
1.5	8.5	358.2	975.0	21.5	18.4	150.1	6.8	-2.5	6.3	298.7	335.1	13.8	82.3	0.5	321.
2.4	10.8	584.2	950.0	20.6	14.2	160.9	7.4	-1.7	7.2	299.5	328.4	10.8	66.7	0.8	331.
3.3	13.3	814.8	925.0	20.4	7.2	165.6	8.8	-2.2	8.5	301.1	320.1	6.9	42.3	1.3	336.
4.2	15.7	1050.6	900.0	18.4	7.2	159.3	8.1	-2.9	7.6	301.4	321.1	7.1	48.3	1.8	338.
5.4	19.2	1291.4	875.0	17.0	4.6	148.8	6.0	-3.5	4.9	302.3	319.4	6.1	43.8	2.2	337.
6.3	20.7	1538.0	850.0	14.9	7.0	150.3	5.5	-2.0	5.1	302.8	323.3	7.4	59.1	2.6	336.
7.4	23.2	1790.4	825.0	14.2	1.1	145.0	7.5	-4.0	6.3	304.3	318.8	5.1	41.5	2.9	336.
8.4	25.8	2049.9	800.0	14.2	-11.2	151.6	6.1	-3.8	7.1	305.5	312.7	2.0	16.1	3.4	334.
9.5	28.4	2317.0	775.0	12.7	-8.4	148.1	7.1	-3.7	6.0	307.8	315.7	2.6	22.1	3.9	334.
10.6	31.2	2590.8	750.0	10.5	-6.7	137.6	6.0	-4.0	4.4	308.4	317.6	3.1	29.1	4.4	333.
11.7	34.1	2872.1	725.0	9.1	-15.9	136.9	4.7	-3.2	3.4	309.6	314.3	1.5	15.3	4.7	332.
12.8	36.8	3161.8	700.0	7.7	-21.2	129.6	2.7	-2.1	1.7	311.1	314.4	1.0	10.8	4.9	331.
13.9	39.6	3460.8	675.0	7.3	-22.7	92.6	1.2	-1.2	0.1	313.9	316.9	0.9	9.6	5.1	330.
15.2	42.4	3770.6	650.0	6.2	-20.9	38.9	1.1	-0.7	-0.9	316.1	319.8	1.1	12.5	5.0	330.
16.4	45.5	4090.7	625.0	4.5	-19.5	66.2	2.4	-3.2	-1.0	317.7	322.0	1.3	15.5	5.0	328.
17.7	48.6	4421.7	600.0	2.4	-22.3	57.9	2.3	-1.9	-1.2	319.0	322.5	1.1	14.1	5.1	326.
19.1	51.6	4764.2	575.0	0.7	-25.7	50.4	1.7	-1.3	-1.1	320.9	323.7	0.8	11.8	5.1	324.
20.4	54.9	5119.6	550.0	-1.2	-24.7	71.9	1.3	-1.2	-0.4	322.7	325.9	0.9	14.8	5.0	323.
21.9	58.1	5488.5	525.0	-4.0	-24.7	42.9	3.5	-2.4	-2.5	323.7	327.0	1.0	18.2	5.1	320.
23.3	61.4	5871.6	500.0	-6.9	-28.4	359.0	4.4	0.1	-4.4	324.7	327.2	0.7	16.1	5.0	317.
24.8	65.0	6258.9	475.0	-10.5	-34.8	339.4	3.9	1.4	-3.6	325.0	326.5	0.4	11.5	4.6	315.
26.3	68.3	6683.2	450.0	-13.2	-43.5	332.2	3.2	0.4	-3.2	326.7	327.3	0.2	5.7	4.4	313.
27.9	71.9	7115.9	425.0	-16.2	-45.4	330.8	5.4	2.6	-4.7	328.1	328.7	0.2	6.0	4.0	310.
29.6	75.7	7559.0	400.0	-19.7	-39.5	319.5	5.3	3.4	-4.0	329.3	330.4	0.3	15.3	3.5	307.
31.4	79.7	8044.4	375.0	-23.9	-40.8	309.0	8.0	6.2	-5.0	329.9	330.9	0.2	19.2	2.8	306.
33.2	83.7	8544.2	350.0	-28.0	-45.2	297.6	9.2	8.1	-4.3	330.9	331.6	0.2	17.3	1.8	308.
35.3	87.7	9071.5	325.0	-32.3	-45.8	99.9	99.9	99.9	99.9	332.1	332.8	0.2	24.7	99.9	99.9.
37.5	92.2	9630.2	300.0	-37.1	-45.6	99.9	99.9	99.9	99.9	333.1	333.9	0.2	40.2	99.9	99.9.
39.7	96.4	10227.0	275.0	-40.8	99.9	99.9	99.9	99.9	99.9	336.2	99.9	99.9	99.9	99.9	99.9.
42.2	101.2	10867.8	250.0	-46.2	99.9	298.7	11.6	10.1	-5.5	337.3	99.9	99.9	99.9	4.4	117.
44.9	106.4	11559.9	225.0	-51.2	99.9	311.3	17.5	14.9	-9.1	340.1	99.9	99.9	99.9	6.6	119.
47.9	112.0	12317.5	200.0	-56.5	99.9	292.7	22.9	21.1	-8.8	343.3	99.9	99.9	99.9	10.4	117.
50.9	118.0	13153.4	175.0	-62.5	99.9	293.7	30.5	27.9	-12.3	346.8	99.9	99.9	99.9	15.0	116.
54.0	124.7	14088.8	150.0	-69.9	99.9	296.4	38.6	34.6	-17.1	349.8	99.9	99.9	99.9	21.6	116.
58.1	132.0	15173.9	125.0	-79.9	99.9	294.8	28.5	25.8	-11.9	368.4	99.9	99.9	99.9	30.1	116.
62.2	139.7	16488.4	100.0	-71.6	99.9	289.9	12.1	11.3	-4.1	380.4	99.9	99.9	99.9	35.2	116.
66.5	148.0	18182.4	75.0	-70.4	99.9	320.0	5.4	3.5	-4.1	425.4	99.9	99.9	99.9	38.1	115.
70.5	158.0	20223.5	50.0	-62.5	99.9	354.6	3.1	0.3	-3.0	496.2	99.9	99.9	99.9	38.4	116.
93.2	168.0	25037.4	25.0	-51.3	99.9	699.9	99.9	99.9	99.9	637.1	99.9	99.9	99.9	99.9	99.9.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 2-0
JACKSON, MISS

27 APRIL 1975
2315 GMT

TIME MIN	CMTCY	M. CAT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX STD GM/KG	RH PCT	RANGE KM	AZ DEG
0-0	4-4	100-0	1002-9	28-9	16-8	200-0	5-2	1-8	4-9	303-5	336-2	12-1	48-0	0-0	0-0
0-1	4-8	125-8	1000-0	28-7	17-3	177-9	5-7	-0-2	5-6	303-6	337-4	12-5	50-2	0-1	353-0
0-6	6-5	350-8	975-0	28-7	17-3	166-0	6-2	-1-3	6-1	303-8	339-1	13-1	57-1	0-3	348-0
1-2	6-6	578-7	650-0	24-2	15-4	176-5	5-7	-0-3	5-7	303-4	335-9	12-0	59-7	0-5	349-0
1-8	10-5	812-8	725-0	21-8	14-5	178-1	5-9	-0-2	5-9	303-1	333-7	11-3	63-1	0-7	353-0
2-2	12-5	1050-1	900-0	19-7	13-8	175-4	6-4	-0-5	6-4	303-3	333-6	11-2	69-0	0-8	353-0
2-8	14-7	1292-2	875-0	17-1	12-6	177-2	7-4	-0-4	7-4	303-0	331-7	10-6	74-6	1-1	354-0
3-6	16-7	1538-2	850-0	15-0	9-7	180-3	8-7	0-1	8-7	303-1	327-6	8-9	70-4	1-4	355-0
4-4	19-0	1792-2	825-0	15-2	3-7	198-0	9-6	3-0	9-1	305-5	322-7	6-1	46-1	1-9	358-0
5-2	21-0	2052-8	800-0	14-3	3-3	202-3	9-9	3-8	9-2	307-2	324-5	6-1	47-7	2-3	3-0
6-1	23-4	2320-3	775-0	12-5	-1-0	192-9	7-7	1-7	7-5	307-8	321-2	4-6	39-2	2-8	5-0
6-9	25-6	2594-6	750-0	11-1	-6-6	186-9	7-4	0-9	7-3	309-0	318-4	3-2	28-6	3-1	5-0
7-9	29-0	2677-2	725-0	11-2	-6-1	183-1	6-7	0-4	6-7	312-2	322-3	3-3	29-0	3-9	5-0
8-9	30-5	3170-2	700-0	10-9	-4-8	173-6	6-6	-0-7	6-6	315-0	326-6	3-8	32-9	3-9	5-0
9-8	33-1	3472-4	675-0	9-0	-6-0	167-2	6-1	-1-3	5-9	316-1	327-2	3-6	34-1	4-3	4-0
10-8	35-6	3783-6	650-0	6-4	-8-3	178-2	4-3	-0-1	4-3	316-5	326-2	3-1	34-0	4-6	2-0
11-9	38-3	4103-6	625-0	3-7	-9-4	202-7	3-5	1-4	3-2	317-1	326-4	3-0	37-6	4-8	3-0
13-0	40-7	4433-8	600-0	1-5	-9-1	211-8	3-1	1-6	2-6	318-3	328-2	3-2	45-3	5-1	4-0
14-1	43-4	4775-3	575-0	-0-5	-13-0	207-2	2-8	1-3	2-5	319-6	327-4	2-5	38-6	5-2	5-0
15-2	46-4	5129-4	550-0	-2-8	-13-6	184-4	3-3	0-3	3-3	321-1	328-8	2-4	43-0	5-4	5-0
16-4	49-4	5496-5	525-0	-5-6	-15-5	199-5	4-4	1-5	4-2	321-9	328-9	2-2	45-2	5-7	5-0
17-8	52-2	5878-5	500-0	-8-7	-18-7	232-4	5-9	4-7	3-6	322-6	327-3	1-7	43-9	6-1	7-0
19-0	55-3	6272-4	475-0	-11-7	-24-4	246-6	7-5	6-9	3-0	323-6	327-3	1-1	34-4	6-4	11-0
20-4	58-4	6685-3	450-0	-13-6	-30-6	249-2	6-3	5-9	2-2	326-1	328-4	0-7	22-2	7-0	16-0
21-7	61-9	7116-9	425-0	-17-2	-32-9	257-3	6-8	6-7	1-5	326-9	328-9	0-6	25-0	7-0	19-0
23-3	65-4	7568-7	400-0	-20-6	-38-2	259-9	9-3	5-1	1-6	328-2	329-7	0-4	23-1	7-4	24-0
24-9	68-9	8042-8	375-0	-24-2	-38-7	262-2	11-0	10-9	1-5	329-5	330-8	0-3	24-4	8-0	30-0
26-7	72-5	8542-1	350-0	-28-2	-37-4	266-6	11-5	11-4	0-7	330-7	332-3	0-4	40-5	8-7	36-0
28-5	76-6	9068-3	325-0	-32-5	-40-8	271-5	12-2	12-2	-0-3	331-8	333-0	0-3	43-1	9-5	43-0
30-3	80-7	9628-5	300-0	-36-7	-43-9	275-1	15-2	15-1	-0-4	333-5	334-5	0-3	47-0	10-5	49-0
32-6	85-0	10225-5	275-0	-41-0	-49-9	279-1	15-2	15-1	-1-3	335-9	335-9	0-9	49-9	12-2	56-0
35-0	89-7	10864-1	250-0	-46-3	-50-9	272-3	13-3	13-3	-0-5	337-3	337-3	0-9	49-9	13-8	61-0
37-5	94-0	11558-0	225-0	-51-6	-50-9	283-4	17-2	16-8	-4-0	339-5	339-5	0-9	49-9	15-5	65-0
40-1	100-0	12314-5	200-0	-56-1	-50-9	286-6	30-3	29-0	-8-6	343-9	339-9	0-9	49-9	19-4	73-0
43-3	106-3	13149-8	175-0	-63-4	-50-9	284-8	32-3	31-2	-8-3	345-3	339-9	0-9	49-9	24-1	81-0
46-4	112-8	14078-0	150-0	-71-1	-50-9	284-7	33-5	32-4	-8-5	347-6	339-9	0-9	49-9	29-9	86-0
50-7	120-7	15159-3	125-0	-67-6	-50-9	282-8	29-4	24-8	-5-6	372-6	339-9	0-9	49-9	37-5	89-0
55-6	130-0	16500-1	100-0	-70-0	-50-9	285-8	10-7	10-3	-2-9	392-5	339-9	0-9	49-9	42-2	90-0
62-0	141-0	18217-3	75-0	-69-8	-50-9	323-8	3-3	1-9	-2-7	426-6	339-9	0-9	49-9	45-2	91-0
70-7	154-0	20681-7	50-0	-61-1	-50-9	98-9	4-2	-4-1	0-6	490-5	339-9	0-9	49-9	44-5	93-0
94-9	98-9	98-9	25-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LA27 APRIL 1975
2315 GMT

TIME MM	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	A7 DG
0-0	3-0	5-0	1012.7	25.6	21.3	150.0	7.2	-3.6	6.2	299.8	341.8	16.0	77.0	0.0	0.0
0-4	4-6	116.3	1000.0	24.4	20.7	151.2	10.7	-5.1	9.4	299.6	340.6	15.6	80.0	0.4	331.
1-2	6-2	338.0	975.0	21.7	19.7	152.4	9.8	-4.5	8.7	299.0	339.5	15.1	88.9	2.7	331.
1-9	8-1	563.5	950.0	19.8	18.6	152.9	9.5	-3.6	8.6	299.2	337.0	14.4	92.9	1.2	332.
2-7	10-0	793.4	925.0	18.4	16.0	172.0	10.5	-1.5	10.4	299.7	332.9	12.5	85.9	1.6	336.
3-6	11-7	1029.3	900.0	18.6	10.9	189.4	8.8	1.4	8.7	301.9	326.9	9.1	60.6	2.1	342.
4-6	13-7	1270.6	875.0	17.0	8.1	190.7	8.9	1.6	8.7	302.5	323.9	7.8	55.9	2.4	348.
5-5	15-6	1517.3	850.0	15.3	2.5	175.4	9.8	-0.8	9.8	302.9	318.3	5.5	42.6	3.0	350.
6-3	17-5	1769.6	825.0	14.0	1.9	178.6	10.1	-0.3	10.1	304.1	319.6	5.5	45.4	3.6	351.
7-3	19-6	2328.4	800.0	12.6	-2.7	186.8	10.2	1.6	10.1	305.1	316.4	3.9	34.4	4.1	353.
8-3	21-5	2294.4	775.0	11.6	-3.7	190.1	11.6	2.0	11.4	306.9	317.8	3.8	34.2	4.8	355.
9-4	23-7	2567.6	750.0	9.8	-6.4	187.3	12.0	1.5	11.9	307.6	317.0	3.2	31.3	5.5	357.
10-4	25-8	2848.6	725.0	9.2	-13.9	181.6	11.5	0.3	11.5	309.6	315.4	1.8	19.2	6.2	358.
11-5	28-0	3134.1	700.0	10.4	-24.7	170.5	13.1	-2.2	12.9	314.1	316.5	0.7	6.5	7.0	358.
12-4	30-5	3461.3	675.0	9.2	-16.1	166.1	14.2	-3.4	13.8	316.2	321.3	1.6	15.0	7.9	357.
13-6	32-8	3752.6	650.0	7.2	-14.5	161.5	13.6	-4.3	12.9	317.3	323.4	1.9	19.6	8.6	355.
14-7	35-2	4073.7	625.0	4.6	-11.1	166.5	13.6	-3.0	12.6	318.0	326.2	2.6	30.9	9.7	354.
15-9	37-6	4404.8	600.0	2.4	-10.9	160.4	12.6	0.1	12.6	319.1	324.6	1.7	22.4	10.5	354.
17-1	40-1	4747.4	575.0	0.6	-21.9	199.0	11.3	3.7	10.7	320.8	324.6	1.2	14.8	11.4	355.
18-4	42-6	5102.5	550.0	-1.9	-26.8	237.0	6.7	5.6	3.6	321.9	324.6	0.8	12.9	11.9	357.
19-8	45-3	5470.2	525.0	-5.0	-23.8	246.7	7.4	6.8	2.9	322.5	326.0	1.1	21.3	12.1	360.
21-0	48-1	5851.3	500.0	-8.2	-23.5	246.6	9.7	8.9	3.8	323.1	326.9	1.1	27.8	12.3	2.
22-4	51-0	6247.0	475.0	-11.6	-26.8	245.7	10.5	9.5	4.3	323.7	326.7	0.9	24.9	12.7	6.
23-8	54-0	6459.3	450.0	-14.3	-31.1	238.6	11.1	9.5	5.8	325.3	327.5	0.6	22.2	13.3	9.
25-3	56-9	7090.1	425.0	-17.5	-36.0	237.9	12.0	10.2	6.4	326.6	328.0	0.4	18.0	14.0	12.
27-0	60-3	7541.6	400.0	-20.4	-36.7	241.0	14.0	12.6	6.1	328.4	329.9	0.4	21.7	14.9	16.
28-8	63-7	8015.5	375.0	-24.6	-36.2	241.9	15.1	13.3	7.1	329.0	330.7	0.5	32.9	16.0	20.
30-7	67-1	8512.6	350.0	-29.6	-40.9	240.6	14.7	12.8	7.2	324.8	329.9	0.3	32.1	17.2	24.
32-4	70-8	9036.4	325.0	-33.9	-38.3	232.3	17.5	13.9	10.7	329.9	331.4	0.4	64.6	18.7	27.
34-5	74-7	9593.1	300.0	-39.0	-41.4	238.6	18.7	16.0	9.7	331.7	332.9	0.3	70.3	20.7	30.
36-7	79-0	10187.3	275.0	-41.9	92.9	238.3	19.1	16.2	10.0	334.5	329.9	98.9	99.9	22.9	33.
39-2	83-4	10827.4	250.0	-45.5	92.9	242.9	22.9	20.4	10.4	337.8	329.9	98.9	99.9	25.9	36.
41-9	88-0	11519.9	225.0	-50.7	99.9	255.1	23.9	23.1	6.2	340.9	329.9	98.9	99.9	29.1	40.
44-8	93-5	12278.2	200.0	-56.3	99.9	267.5	31.2	31.2	1.4	343.6	329.9	98.9	99.9	33.0	46.
48-0	99-2	13114.4	175.0	-62.7	99.9	272.3	36.6	36.6	-1.4	346.4	329.9	98.9	99.9	37.4	53.
51-7	105-5	14046.8	150.0	-69.9	99.9	276.8	39.1	38.8	-4.6	349.8	329.9	98.9	99.9	43.9	60.
56-0	112-7	15127.4	125.0	-69.3	99.9	264.0	26.4	26.4	2.7	369.6	329.9	98.9	99.9	50.8	64.
61-5	121-0	16447.9	100.0	-71.5	99.9	259.0	13.8	13.6	2.6	389.5	329.9	98.9	99.9	56.7	66.
66-4	130-5	18144.1	75.0	-71.1	99.9	245.6	7.7	7.1	3.1	423.9	329.9	98.9	99.9	61.1	67.
70-4	140-7	20597.4	50.0	-60.2	98.9	47.6	1.4	-1.0	-0.9	501.8	329.9	98.9	99.9	60.5	65.
94-8	151-0	25012.1	25.0	-53.9	99.9	39.1	1.0	-0.6	-0.8	632.4	329.9	98.9	99.9	59.9	65.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248
SHREVEPORT, LA

27 APRIL 1975
2315 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEV PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX 3TO CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	4.8	79.0	1002.0	27.8	18.5	170.0	6.2	-1.1	6.1	302.6	339.9	13.5	57.0	0.0	0.
0.1	5.0	96.8	1005.0	27.9	19.4	175.5	13.0	-1.0	13.0	301.5	341.5	14.4	60.1	0.4	350.
1.1	6.8	321.5	975.0	28.4	18.4	178.6	12.0	-1.1	12.0	303.6	340.8	13.8	61.3	0.8	353.
2.0	8.8	550.4	950.0	28.0	16.8	173.4	13.6	-1.6	13.5	303.3	337.9	12.8	64.1	1.8	353.
3.1	10.8	783.7	925.0	22.0	16.3	170.2	13.7	-2.3	13.5	303.6	338.1	12.8	70.1	2.4	353.
4.0	12.9	1021.5	905.0	20.1	15.8	170.8	14.2	-2.2	13.8	303.9	338.1	12.7	76.2	3.1	352.
4.9	15.1	1264.4	875.0	18.0	13.5	173.6	15.7	-1.8	15.6	304.0	338.7	11.2	75.0	4.0	352.
6.0	17.2	1512.6	850.0	16.5	11.5	185.5	14.4	1.4	14.3	304.8	332.6	10.1	72.6	4.9	353.
7.1	19.5	1766.6	825.0	15.2	6.7	192.7	16.1	3.5	15.7	305.7	326.7	7.5	56.5	5.9	356.
8.2	21.5	2027.3	800.0	14.4	3.3	202.1	16.3	6.1	15.1	307.4	324.8	6.1	47.3	6.9	359.
9.3	23.9	2294.5	775.0	13.1	0.7	203.3	14.2	7.0	12.4	308.6	323.7	5.2	42.7	7.8	3.
10.3	26.1	2570.0	750.0	12.6	-9.3	212.9	13.4	7.3	11.3	310.6	318.3	2.5	20.8	8.6	5.
11.7	28.6	2854.7	725.0	12.7	-11.1	212.2	12.9	6.9	11.0	313.7	320.7	2.3	17.8	9.5	8.
12.9	31.2	3148.2	700.0	11.3	-11.9	203.3	14.5	5.7	13.3	315.3	322.2	2.2	16.3	10.4	10.
14.1	33.8	3450.6	675.0	9.6	-12.0	193.9	16.0	3.8	15.5	316.7	323.8	2.3	20.3	11.6	11.
15.4	36.1	3762.3	650.0	7.4	-13.5	190.0	15.0	4.9	14.2	317.6	324.2	2.1	20.9	12.7	11.
16.7	38.9	4083.6	625.0	5.0	-12.9	198.5	14.8	4.7	14.0	318.5	325.6	2.3	25.9	13.9	12.
18.0	41.4	4415.2	600.0	2.3	-11.0	194.1	15.7	3.8	15.2	319.1	327.8	2.8	37.1	15.1	12.
19.4	44.3	4757.3	575.0	-0.5	-9.0	190.5	15.9	5.3	15.0	319.3	329.7	3.4	54.1	16.4	13.
20.8	47.3	5110.5	550.0	-3.6	-10.5	200.9	17.1	6.1	16.0	320.2	331.0	3.1	58.6	17.7	13.
22.4	50.3	5476.4	525.0	-6.7	-15.0	209.0	17.9	8.7	15.7	320.6	328.0	2.3	52.1	19.3	14.
23.9	53.3	5856.0	500.0	-9.1	-17.9	214.5	16.3	9.2	13.5	323.1	328.1	1.9	48.7	21.0	16.
25.4	56.3	6250.7	475.0	-12.2	-17.9	212.5	14.6	7.8	12.3	323.1	329.5	2.0	62.4	22.2	17.
27.1	59.6	6662.2	450.0	-14.3	-20.6	221.0	20.1	13.2	15.1	325.3	328.1	0.8	28.8	23.9	18.
28.9	63.1	7093.5	425.0	-17.3	-33.2	227.6	19.7	15.5	13.3	326.8	328.7	0.5	23.4	25.8	20.
30.6	66.6	7545.8	400.0	-19.8	-37.9	225.2	21.2	15.0	14.9	329.2	330.5	0.4	18.2	27.7	22.
32.3	70.3	8021.1	375.0	-23.7	-39.5	227.5	20.8	15.3	14.0	330.2	331.4	0.3	21.6	29.8	24.
34.3	74.0	8526.4	350.0	-27.9	-42.4	225.0	23.0	16.3	16.3	331.1	332.1	0.3	23.3	32.2	26.
36.7	78.3	9048.2	325.0	-32.1	-47.3	242.2	22.6	19.6	11.2	332.3	332.9	0.2	20.3	34.8	28.
39.1	82.5	9609.2	300.0	-36.2	-49.6	242.5	25.9	23.0	11.9	334.3	334.8	0.1	22.7	38.0	31.
41.4	87.0	10206.7	275.0	-40.6	-99.9	246.3	22.2	20.7	8.2	336.5	339.9	99.9	999.9	40.6	34.
43.7	92.0	10649.2	250.0	-45.9	-99.9	246.2	24.3	22.2	9.8	337.8	339.9	99.9	999.9	43.5	36.
46.1	97.0	11541.7	225.0	-51.8	-99.9	250.7	22.0	20.7	7.3	339.1	339.9	99.9	999.9	46.5	38.
49.3	102.8	12295.8	200.0	-57.0	-99.9	250.7	33.2	31.2	10.9	342.5	339.9	99.9	999.9	51.5	42.
53.1	109.3	13128.5	175.0	-63.9	-99.9	253.8	37.8	36.3	10.6	344.5	339.9	99.9	999.9	58.1	46.
58.8	115.8	14057.4	150.0	-69.5	-99.9	259.3	35.8	38.1	7.2	350.3	339.9	99.9	999.9	64.9	49.
61.4	124.0	15141.5	125.0	-69.8	-99.9	258.8	20.6	19.6	5.4	358.7	339.9	99.9	999.9	71.3	53.
66.9	133.0	16473.5	100.0	-71.3	-99.9	217.0	13.3	8.0	10.6	369.9	339.9	99.9	999.9	77.4	53.
74.1	142.3	18194.0	75.0	-66.2	-99.9	216.8	9.9	5.9	7.9	436.3	339.9	99.9	999.9	81.2	52.
83.8	152.5	20666.5	50.0	-62.6	-99.9	41.6	10.1	-6.7	-7.6	495.9	339.9	99.9	999.9	83.7	52.
96.7	163.5	25070.9	25.0	-31.5	-99.9	273.3	2.1	2.1	-0.1	636.9	339.9	99.9	999.9	78.2	50.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 250
BROWNSVILLE, TEX27 APRIL 1975
2315 GMT

TIME MM	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SFC	V COMP M/SFC	POT T DG K	E POT Y DG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DG
00	4.3	7.0	1005.7	29.3	22.8	150.0	11.8	-5.9	10.2	303.4	350.3	17.6	72.0	0.0	0.
01	4.8	57.7	1000.0	27.7	22.7	147.0	14.7	-7.6	12.6	303.2	350.1	17.6	74.3	0.3	341.
02	6.6	281.7	975.0	24.2	22.6	145.7	15.4	-7.8	13.3	301.9	349.5	18.0	91.0	0.9	330.
03	8.7	579.4	950.0	22.0	21.2	154.4	15.1	-6.5	13.6	301.8	346.7	16.9	94.7	1.7	331.
04	10.7	742.8	925.0	23.8	17.4	999.9	99.9	99.9	99.9	305.6	342.8	13.7	97.8	999.9	999.
05	12.6	983.2	900.0	24.4	14.6	999.9	99.9	99.9	99.9	308.3	340.8	11.8	54.4	999.9	999.
06	13.1	1226.8	875.0	23.2	12.8	999.9	99.9	99.9	99.9	309.4	339.4	10.7	52.0	999.9	999.
07	17.2	1822.6	850.0	22.2	10.5	999.9	99.9	-9.9	99.9	310.7	337.3	9.4	47.4	999.9	999.
08	19.5	1741.7	825.0	20.9	8.3	176.8	15.3	-0.8	15.3	311.8	335.8	8.4	44.5	5.7	341.
09	21.7	2007.0	800.0	18.6	4.0	136.5	11.6	1.3	11.5	312.1	330.7	6.4	37.6	6.4	343.
10	24.2	2278.6	775.0	17.7	-5.2	194.2	8.3	2.0	8.1	313.2	323.4	3.4	20.6	6.9	346.
11	26.4	2558.3	750.0	17.2	-17.4	202.7	5.2	2.0	4.9	315.4	319.7	1.3	8.0	7.2	347.
12	29.0	2846.4	725.0	16.3	-15.3	210.2	3.7	1.8	3.2	317.6	322.7	1.6	10.0	7.4	348.
13	31.6	3143.4	700.0	13.8	-8.6	201.3	2.4	0.9	2.3	318.1	327.1	2.9	20.3	7.5	349.
14	34.2	3448.1	675.0	12.1	-15.3	211.4	1.6	0.9	1.3	319.4	325.0	1.8	13.6	7.6	349.
15	36.8	3763.0	650.0	9.8	-1.7	234.4	3.1	3.0	0.8	320.8	336.7	5.3	48.9	7.7	350.
16	39.6	4077.3	625.0	6.8	-4.1	253.9	4.2	4.0	1.2	322.9	322.9	0.6	6.8	7.9	355.
17	42.2	4420.9	600.0	4.1	-28.9	239.1	5.5	4.6	2.9	320.9	322.9	0.4	5.4	8.0	358.
18	45.1	4744.6	575.0	1.1	-33.5	223.6	7.8	5.4	5.7	321.3	322.6	0.4	6.2	8.6	0.
19	48.3	5119.8	550.0	-2.0	-34.4	208.3	10.8	5.1	9.5	321.7	323.0	0.4	6.2	8.6	0.
20	51.1	5487.5	525.0	-4.4	-38.4	203.3	12.5	4.9	11.5	323.1	324.1	0.3	4.9	9.4	3.
21	53.1	5865.6	500.0	-7.2	-30.9	209.5	12.1	5.9	10.5	324.2	325.0	0.2	5.3	10.3	5.
22	57.3	6267.3	475.0	-9.9	-41.3	217.5	10.9	6.7	8.7	325.7	326.4	0.2	5.6	11.1	7.
23	60.7	6681.3	450.0	-13.5	-44.5	220.2	11.0	7.1	8.4	326.3	326.9	0.2	6.0	11.9	9.
24	64.3	7113.7	425.0	-16.5	-44.5	221.8	14.7	9.8	10.9	327.8	328.4	0.2	6.8	12.8	12.
25	67.7	7566.7	400.0	-19.8	-30.5	226.4	15.2	11.0	10.5	329.2	331.9	0.7	37.9	14.0	15.
26	71.3	8042.5	375.0	-23.0	-26.8	221.4	15.4	10.2	11.6	331.1	334.4	0.9	59.5	15.2	17.
27	75.3	8543.9	350.0	-26.9	-34.1	227.6	15.0	10.2	11.1	332.4	334.6	0.6	50.5	16.6	20.
28	79.5	9074.1	325.0	-30.9	-35.4	221.3	17.9	11.8	13.4	334.1	336.2	0.6	65.2	18.1	21.
29	83.8	9637.5	300.0	-34.4	-50.0	225.7	21.6	15.7	14.8	336.8	337.3	0.1	18.6	20.3	24.
30	88.2	10240.9	275.0	-38.9	-50.2	235.1	22.7	18.6	13.0	339.7	339.2	0.1	29.3	22.8	27.
31	93.0	10899.1	250.0	-42.6	99.9	251.7	26.7	25.4	8.4	342.8	999.9	99.9	999.9	25.2	31.
32	98.2	11591.4	225.0	-48.4	99.9	257.6	28.8	28.4	5.2	344.4	999.9	99.9	999.9	29.0	37.
33	103.8	12356.0	200.0	-54.9	99.9	269.2	29.6	29.6	0.4	345.8	999.9	99.9	999.9	31.1	42.
34	109.8	13197.3	175.0	-61.5	99.9	273.9	35.5	35.4	-2.4	348.4	999.9	99.9	999.9	34.5	49.
35	116.3	14134.4	150.0	-69.9	99.9	274.9	37.8	37.6	-3.2	349.7	999.9	99.9	999.9	39.3	55.
36	124.0	15200.4	125.0	-71.4	99.9	274.9	23.2	22.4	6.1	345.7	999.9	99.9	999.9	45.1	60.
37	132.3	16318.2	100.0	-74.1	99.9	246.6	13.9	12.8	5.5	344.6	999.9	99.9	999.9	52.7	61.
38	141.0	18199.9	75.0	-73.3	99.9	213.9	13.7	7.6	11.4	419.3	999.9	99.9	999.9	54.7	60.
39	150.0	20444.8	50.0	-62.8	99.9	72.9	6.1	-5.8	-1.8	495.6	999.9	99.9	999.9	55.2	63.
40	160.0	25059.6	25.0	-49.9	99.9	25.1	2.8	-1.2	-2.5	641.2	999.9	99.9	999.9	53.4	59.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEX27 APRIL 1975
2315 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRLS MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MIX STD CM/KG	RM PCT	RANGE KM	AZ DG
0.0	4.5	33.0	1004.7	26.6	21.6	150.0	7.7	-3.9	6.7	301.8	345.8	16.6	74.0	0.0	0.
0.2	4.9	74.5	1000.0	25.8	21.6	999.9	99.9	99.9	99.9	301.2	346.8	16.5	77.8	999.9	999.
0.4	6.6	297.7	573.0	23.6	21.5	999.9	99.9	99.9	99.9	301.1	345.6	16.9	86.4	999.9	999.
1.6	9.2	524.9	550.0	21.6	20.3	999.9	99.9	99.9	99.9	331.2	343.6	16.0	92.5	999.9	999.
2.3	11.3	757.0	925.0	20.7	19.2	164.2	11.2	-3.0	10.8	302.5	343.5	15.4	91.2	1.4	337.
3.1	13.6	993.9	900.0	18.4	17.7	169.8	12.5	-2.8	12.1	302.4	340.7	14.3	92.3	2.0	339.
4.0	15.6	1235.2	875.0	15.6	15.5	170.2	13.5	-2.3	13.3	300.9	318.3	6.3	48.4	2.7	342.
4.9	18.2	1480.8	850.0	15.0	-0.4	169.8	13.7	-2.4	13.5	302.4	314.9	4.4	34.8	3.4	343.
5.7	20.6	1734.7	825.0	16.8	-1.4	179.6	13.5	-0.1	13.5	306.9	319.2	4.2	29.0	4.1	345.
6.5	23.0	1995.9	800.0	15.9	-15.1	189.7	14.0	2.4	13.8	308.3	312.9	1.5	10.4	4.7	348.
7.4	25.4	2264.4	775.0	14.5	-11.3	204.4	14.4	6.0	12.0	309.7	317.2	2.5	19.0	5.3	352.
8.3	27.9	2540.4	750.0	14.1	-38.4	204.5	13.7	5.7	12.5	311.9	317.2	0.3	2.4	5.9	357.
9.2	30.6	2825.4	725.0	13.4	-41.7	201.3	12.3	4.5	11.5	314.2	314.6	0.1	1.0	6.6	359.
10.2	33.2	3119.0	700.0	11.3	-43.0	200.5	11.0	3.9	10.3	315.0	315.4	0.1	1.0	7.2	1.
11.3	35.8	3421.4	675.0	10.0	-43.8	199.2	10.7	3.5	10.1	316.9	317.3	0.1	1.0	7.9	3.
12.5	38.6	3733.3	650.0	7.9	-45.1	199.3	12.3	4.2	12.0	317.8	319.2	0.1	1.0	8.7	4.
13.5	41.1	4054.7	625.0	5.7	-46.4	205.3	13.1	5.6	11.9	319.0	319.3	0.1	1.0	9.5	6.
14.6	44.1	4386.5	600.0	3.1	-48.0	212.3	13.3	7.1	11.3	319.7	320.0	0.1	1.0	10.3	8.
15.7	47.1	4729.4	575.0	0.7	-47.7	215.4	12.3	8.3	10.1	320.8	321.1	1.2	21.6	11.1	10.
16.8	50.2	5084.0	550.0	-2.6	-21.6	226.5	12.3	8.9	8.5	321.2	325.3	1.2	21.6	11.8	12.
18.0	53.3	5450.7	525.0	-5.9	-15.8	225.5	12.9	8.7	9.5	321.2	328.4	2.1	45.5	12.5	14.
19.2	56.3	5830.8	500.0	-9.1	-20.7	215.7	12.0	7.0	9.8	322.4	328.4	1.5	38.6	13.3	16.
20.5	59.7	6224.2	475.0	-12.6	-27.9	215.2	10.2	9.4	13.3	322.4	328.4	1.5	38.6	13.3	16.
22.0	63.3	6635.0	450.0	-15.6	-50.8	215.4	19.0	11.0	15.5	323.6	323.7	0.0	1.0	15.8	19.
23.3	66.6	7044.4	425.0	-18.0	-61.4	219.1	20.2	12.8	15.7	325.8	325.9	0.0	1.0	17.4	21.
25.1	70.4	7514.1	400.0	-21.9	-53.9	221.1	22.1	14.5	16.7	326.5	326.9	0.1	4.9	19.4	23.
26.7	74.0	7985.3	375.0	-25.2	-60.0	222.2	21.3	14.3	15.8	328.2	328.2	0.0	1.0	21.4	25.
28.4	78.2	8463.3	350.0	-29.5	-68.2	229.1	22.6	17.1	14.8	330.3	330.3	0.0	1.0	23.6	27.
30.3	82.2	9010.9	325.0	-32.0	-76.5	229.1	22.9	17.3	15.0	332.4	332.5	0.0	1.0	26.0	29.
32.3	86.4	9570.2	300.0	-36.8	-73.7	233.3	24.4	19.6	14.5	333.4	333.4	0.0	1.0	28.7	31.
34.5	91.2	10166.5	275.0	-41.2	-99.9	241.6	26.9	23.6	12.6	335.5	335.5	99.9	999.9	31.6	34.
36.8	96.0	10806.1	250.0	-46.6	-99.9	243.6	30.7	27.5	13.6	336.9	336.9	99.9	999.9	35.2	37.
39.3	101.2	11501.9	225.0	-49.9	-99.9	251.8	33.9	32.3	10.6	342.1	342.1	99.9	999.9	38.5	40.
41.9	107.0	12263.0	200.0	-55.6	-99.9	263.5	36.4	36.2	4.1	344.8	344.8	99.9	999.9	44.3	45.
44.7	113.0	13100.1	175.0	-62.0	-99.9	263.3	48.3	48.1	3.9	347.6	347.6	99.9	999.9	49.8	50.
48.2	119.8	14036.6	150.0	-69.6	-99.9	261.2	48.3	46.0	7.1	350.2	350.2	99.9	999.9	57.9	54.
52.3	127.3	15121.6	125.0	-68.4	-99.9	259.5	24.7	24.2	4.9	371.2	371.2	99.9	999.9	65.9	59.
57.4	136.0	16448.6	100.0	-72.1	-99.9	221.1	11.4	7.5	8.6	388.4	388.4	99.9	999.9	72.0	59.
63.9	145.0	18137.8	75.0	-70.0	-99.9	241.7	8.8	7.7	4.2	426.1	426.1	99.9	999.9	78.4	59.
72.6	155.5	20591.5	50.0	-60.2	-99.9	194.4	1.0	-0.3	-0.9	501.7	501.7	99.9	999.9	78.4	59.
80.0	167.0	25003.3	25.0	-51.9	-99.9	30.1	6.7	-3.4	-5.8	638.4	638.4	99.9	999.9	77.1	59.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 200
STEPHENSVILLE, TX27 APRIL 1975
2315 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 1 DG F	E POT 1 DG K	MR RTO GM/KG	RM PCT	RANGE A7 KM	DG
0.0	10.0	399.9	940.0	25.0	16.4	180.0	10.3	0.0	10.3	303.6	341.4	14.1	67.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	10.7	491.4	950.0	25.0	17.7	181.2	16.0	0.3	16.0	364.4	341.1	13.6	63.8	0.5	359.
0.8	12.9	725.2	925.0	24.1	17.3	181.0	17.7	0.3	17.7	305.8	342.9	13.6	65.8	0.9	399.
1.6	15.3	945.3	900.0	21.6	16.7	181.8	17.7	0.6	17.7	305.6	342.3	13.5	73.7	1.7	360.
2.5	17.5	1209.5	875.0	19.3	16.4	184.7	19.1	3.2	18.8	305.7	342.6	13.6	83.7	2.7	2.
3.4	20.0	1458.6	850.0	16.9	15.8	184.8	22.0	5.6	21.3	305.7	342.2	13.4	93.0	3.9	5.
4.3	22.2	1713.7	825.0	15.9	14.4	206.6	21.4	9.6	19.1	307.1	341.8	12.7	91.3	5.0	8.
5.3	24.8	1976.3	800.0	17.0	8.4	228.0	17.4	12.9	11.6	310.4	345.2	8.8	57.4	6.1	14.
6.4	27.1	2247.0	775.0	16.9	-8.3	229.4	13.2	10.0	8.6	312.4	370.5	2.7	17.1	6.9	19.
7.3	29.8	2525.5	750.0	15.3	-16.7	217.6	12.2	7.5	9.7	313.9	370.3	1.4	9.2	7.5	21.
8.1	32.4	2812.0	725.0	14.2	-21.7	215.3	12.6	7.3	10.3	315.1	378.2	0.9	6.7	8.1	22.
9.0	35.1	3106.4	700.0	12.0	-18.8	215.0	13.9	8.1	11.4	315.9	379.9	1.2	9.9	8.8	23.
10.0	37.7	3409.3	675.0	9.5	-17.1	210.4	14.6	7.3	12.7	316.5	371.2	1.5	13.4	9.6	24.
11.0	40.5	3720.7	650.0	6.9	-13.9	209.1	13.9	6.8	12.2	317.0	323.3	2.0	21.0	10.5	25.
12.3	43.2	4090.7	625.0	3.6	-24.0	215.5	14.9	8.7	12.1	316.7	319.6	0.9	11.1	11.6	26.
13.3	46.1	4370.3	600.0	1.2	-25.6	219.1	19.1	12.0	14.8	317.6	320.2	0.8	11.3	12.5	27.
14.5	49.1	4711.2	575.0	-0.7	-26.1	224.0	22.4	15.6	16.1	319.2	321.8	0.8	12.5	14.0	27.
15.6	52.0	5094.3	550.0	-3.0	-32.0	225.4	25.6	18.2	18.0	320.6	322.2	0.5	8.4	15.5	29.
16.8	55.2	5431.1	525.0	-5.5	-12.1	217.6	28.7	17.5	22.7	322.1	331.2	2.0	59.7	17.4	31.
17.8	58.1	5811.9	500.0	-8.5	-10.0	211.8	29.7	15.6	25.3	323.1	334.3	3.6	89.0	19.2	31.
18.9	61.5	6207.8	475.0	-11.8	-16.6	210.7	32.2	16.4	27.7	323.6	330.6	2.2	67.2	21.3	31.
20.2	64.9	6618.9	450.0	-15.4	-23.2	209.2	29.8	14.6	24.0	324.0	328.4	1.3	51.1	23.7	31.
21.7	68.1	7096.7	425.0	-18.6	-41.9	210.6	30.6	15.6	26.3	325.0	325.8	0.2	10.8	26.5	31.
23.3	71.6	7496.7	400.0	-22.0	-39.6	214.1	33.5	18.7	27.7	326.4	327.6	0.3	21.1	29.5	31.
25.1	75.4	7968.7	375.0	-25.4	-41.9	216.9	32.7	19.6	26.2	328.0	328.9	0.3	19.6	33.2	31.
26.8	79.3	8405.4	350.0	-29.0	-35.3	221.0	37.3	24.5	28.2	329.7	331.6	0.5	53.7	36.6	32.
28.4	83.2	8901.5	325.0	-32.6	-38.3	227.3	33.8	24.8	23.0	331.7	333.3	0.4	56.3	39.8	32.
30.2	87.3	9350.6	300.0	-37.0	-41.7	226.1	39.1	28.1	27.1	333.2	334.4	0.3	61.2	43.7	34.
32.4	91.8	10146.5	275.0	-41.7	99.9	225.3	42.0	29.9	29.6	334.8	999.9	99.9	999.9	48.5	36.
35.0	96.4	10787.5	250.0	-45.1	99.9	216.3	44.0	36.6	24.4	339.1	999.9	99.9	999.9	54.4	37.
37.6	101.2	11493.1	225.0	-50.9	99.0	248.4	32.1	29.0	13.9	340.6	999.9	99.9	999.9	59.9	40.
40.1	106.8	12239.4	200.0	-56.3	99.9	235.1	49.7	40.8	28.5	343.6	999.9	99.9	999.9	67.1	41.
43.1	112.5	13074.7	175.0	-62.3	99.9	242.6	44.3	39.4	20.4	347.1	999.9	99.9	999.9	73.3	43.
46.1	118.8	14026.9	150.0	-63.3	99.9	240.4	32.4	28.2	16.0	361.0	999.9	99.9	999.9	79.9	45.
48.9	126.0	15134.2	125.0	-68.3	99.9	229.9	32.2	24.7	20.8	371.3	999.9	99.9	999.9	86.9	46.
50.5	134.3	16475.5	100.0	-65.7	99.9	224.5	16.6	12.0	11.4	400.8	999.9	99.9	999.9	95.5	46.
51.1	142.7	17500.1	75.0	-68.6	99.9	211.8	15.8	8.3	13.4	429.2	999.9	99.9	999.9	100.3	46.
55.6	152.5	23709.5	50.0	-60.9	99.9	257.4	1.9	1.8	0.4	500.0	999.9	99.9	999.9	102.0	46.
59.3	163.5	25109.7	25.0	-54.6	99.9	211.0	6.5	3.4	5.6	627.9	999.9	99.9	999.9	108.4	45.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEX

27 APRIL 1975
2315 GMT

TIME MM	CMCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
00	99.9	314.0	546.2	30.5	19.2	150.0	5.2	-2.6	4.5	309.5	348.7	14.7	51.0	0.0	0.0
01	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
02	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
03	99.9	99.9	950.0	28.1	18.4	119.4	6.8	-6.0	3.4	307.6	346.5	14.2	85.9	0.3	298.0
04	13.6	719.8	925.0	25.0	17.4	121.7	7.0	-6.0	3.7	307.6	345.1	13.7	99.8	0.7	300.0
05	15.9	900.7	900.0	23.6	16.7	126.2	7.9	-6.4	4.7	307.7	344.4	13.4	85.0	1.1	301.0
06	18.5	1206.6	875.0	21.3	16.4	133.6	7.8	-5.7	5.4	307.8	344.5	13.6	77.6	1.8	303.0
07	20.9	1457.6	850.0	20.4	16.0	131.5	6.0	-4.5	4.0	308.8	344.5	9.2	51.4	1.9	306.0
08	23.6	1715.1	825.0	19.0	8.8	157.4	3.4	-1.3	3.2	309.9	344.3	8.7	51.5	2.2	307.0
09	26.1	1979.0	800.0	17.7	8.4	228.7	5.0	3.8	3.3	311.2	336.0	8.7	54.6	2.2	311.0
10	28.9	2250.8	775.0	17.1	4.6	248.5	6.6	6.2	2.4	313.2	333.2	6.9	43.5	2.1	322.0
11	31.7	2529.7	750.0	14.8	3.1	249.5	5.6	5.3	2.0	313.5	332.1	6.4	45.3	2.0	331.0
12	34.6	2815.3	725.0	11.9	1.9	245.4	5.5	5.0	2.3	313.3	331.1	6.1	50.3	2.0	341.0
13	37.3	3107.9	700.0	9.2	0.2	243.3	6.3	5.6	2.8	313.4	329.8	5.6	55.5	2.1	351.0
14	40.2	3406.2	675.0	6.8	-3.7	249.0	9.0	8.4	3.2	313.8	326.7	4.3	47.1	2.3	35.0
15	43.0	3717.5	650.0	4.6	-7.0	244.0	11.0	9.0	4.8	314.8	325.4	3.5	42.2	2.4	22.0
16	45.8	4036.4	625.0	3.1	-11.6	236.2	14.2	11.8	7.9	316.2	324.1	2.5	33.0	3.8	32.0
17	48.3	4366.4	600.0	1.7	-13.5	238.7	19.4	16.6	10.1	318.3	324.4	2.2	31.3	5.0	38.0
18	50.9	4707.8	575.0	-1.0	-14.8	237.1	22.7	19.0	12.3	319.0	325.7	2.1	34.3	6.3	43.0
19	53.4	5051.0	550.0	-3.2	-15.5	231.3	24.5	19.1	15.3	320.5	327.2	2.1	34.0	11.5	36.0
20	56.7	5427.4	525.0	-6.0	-16.1	226.8	24.5	17.9	16.8	321.4	326.1	2.1	44.7	9.0	46.0
21	59.7	5807.3	500.0	-9.4	-17.5	220.7	24.1	17.7	18.3	321.8	325.0	1.9	51.5	11.6	46.0
22	62.1	6201.4	475.0	-13.1	-23.4	217.0	24.1	14.5	19.2	321.9	326.0	1.7	74.2	15.5	45.0
23	64.1	6610.4	450.0	-16.7	-20.3	216.1	24.4	14.4	19.8	322.3	327.9	1.7	74.2	15.5	45.0
24	66.1	7037.7	425.0	-19.4	-27.1	216.3	26.5	15.7	21.3	324.1	327.4	1.0	90.4	17.7	43.0
25	68.5	7486.1	400.0	-22.1	-27.3	223.7	31.1	21.5	22.5	326.3	329.7	1.0	82.9	20.3	42.0
26	70.4	7957.8	375.0	-25.6	-27.7	230.4	31.2	24.0	19.9	327.7	331.3	1.0	82.9	20.3	42.0
27	72.6	8434.4	350.0	-29.2	-31.1	232.0	30.4	23.9	18.7	329.4	332.2	0.8	83.3	20.0	44.0
28	74.6	8979.6	325.0	-33.3	-36.9	230.7	35.6	27.5	22.6	330.8	332.5	0.5	69.9	20.2	45.0
29	76.5	9536.6	300.0	-37.6	-45.7	231.2	37.6	29.3	23.5	332.3	333.1	0.2	42.0	33.2	45.0
30	78.5	10131.8	275.0	-41.6	-49.9	236.5	36.0	30.0	19.8	334.8	334.8	0.9	99.9	37.3	46.0
31	80.5	10770.9	250.0	-47.1	-55.2	238.8	39.6	33.9	20.5	336.1	336.1	0.9	99.9	42.9	48.0
32	82.5	11460.4	225.0	-52.2	-59.9	235.2	47.2	38.8	24.9	338.5	338.5	0.9	99.9	48.9	49.0
33	84.5	12214.9	200.0	-56.5	-62.2	240.3	51.7	44.9	25.6	343.3	343.3	0.9	99.9	55.8	50.0
34	86.5	13052.6	175.0	-62.2	-68.7	248.7	64.5	60.1	23.4	347.3	347.3	0.9	99.9	64.6	52.0
35	88.5	13987.7	150.0	-68.7	-74.9	249.3	50.3	47.0	17.8	351.7	351.7	0.9	99.9	75.7	53.0
36	90.5	15079.1	125.0	-68.2	-79.9	247.5	37.6	34.6	14.4	371.5	371.5	0.9	99.9	85.2	54.0
37	92.5	16211.6	100.0	-69.2	-84.9	225.3	19.8	13.9	13.8	394.1	394.1	0.9	99.9	92.6	57.0
38	94.5	18138.8	75.0	-68.9	-89.9	205.2	7.9	3.4	7.2	428.5	428.5	0.9	99.9	97.1	56.0
39	96.5	20804.2	50.0	-62.0	-90.9	44.8	8.2	-5.8	-5.8	497.5	497.5	0.9	99.9	99.9	56.0
40	98.5	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 265
MIDLAND, TEX27 APRIL 1975
2315 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO CM/KG	BM PCT	RANGE KM	AZ DG
0-0	12-3	873-0	908-2	25-6	-4-6	260-0	12-6	12-6	2-2	307-5	316-3	2-9	17-0	0-0	0-0
0-0	09-9	96-9	1000-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
0-0	09-9	99-9	975-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
0-0	09-9	99-9	950-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
0-0	09-9	99-9	925-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
0-2	13-0	952-0	900-0	25-3	-0-5	260-0	21-7	21-7	0-4	308-0	320-2	4-1	18-3	0-5	0-0
1-0	15-2	1196-3	875-0	22-8	-1-1	270-1	17-9	17-9	-0-0	308-0	319-0	4-0	20-3	1-1	90-0
1-0	17-4	1449-0	850-0	20-4	-2-3	269-0	16-5	16-5	0-6	308-0	319-2	3-8	21-6	1-9	99-0
2-7	19-0	1705-0	825-0	17-7	-4-4	270-5	14-6	14-6	-0-1	307-6	317-7	3-4	21-8	2-0	99-0
3-6	22-1	1966-5	826-0	15-1	-5-6	264-1	13-6	13-6	1-4	307-7	317-0	3-2	23-4	3-5	89-0
4-9	24-6	2233-9	775-0	12-6	-7-4	255-4	15-5	15-5	4-0	307-7	316-2	2-6	24-0	4-3	87-0
5-3	26-9	2507-9	750-0	10-9	-9-4	251-5	21-0	19-9	6-7	308-7	316-3	2-5	23-1	5-3	85-0
6-4	29-8	2789-3	725-0	8-9	-12-1	249-4	26-6	26-6	9-4	309-4	315-8	2-1	21-2	6-6	82-0
7-2	32-1	3178-3	700-0	6-7	-14-6	246-3	25-5	23-3	10-2	310-1	315-6	1-8	20-1	7-9	79-0
8-3	34-9	3375-4	675-0	4-1	-15-2	240-9	24-6	21-5	12-0	310-5	315-9	1-7	22-9	9-4	77-0
9-2	37-3	3681-1	650-0	1-7	-14-0	237-2	23-6	20-0	12-9	311-1	317-3	2-0	30-1	10-7	75-0
10-2	40-2	3995-5	625-0	-1-2	-14-9	233-7	24-1	19-4	14-3	311-3	317-3	1-9	34-3	12-0	73-0
11-2	42-9	4319-6	600-0	-3-6	-16-3	227-0	23-0	16-8	15-7	312-1	316-0	1-5	36-8	13-3	70-0
12-3	45-9	4654-6	575-0	-5-5	-20-9	220-3	26-3	15-7	18-5	313-7	316-1	0-7	16-5	14-8	67-0
13-7	49-0	5001-4	550-0	-8-1	-29-3	226-0	26-7	19-2	18-6	314-6	316-6	0-6	16-1	16-6	64-0
15-6	51-9	5311-6	525-0	-9-5	-30-4	229-6	30-2	23-0	19-6	317-0	319-0	0-6	16-2	19-8	62-0
17-0	55-1	5736-5	500-0	-12-1	-31-6	225-6	30-8	22-0	21-5	318-3	320-2	0-5	17-8	22-3	60-0
18-2	58-3	6126-7	475-0	-15-7	-34-4	221-8	33-3	22-2	24-8	318-6	320-1	0-4	18-2	24-5	59-0
15-4	61-7	6531-7	450-0	-19-2	-37-1	221-8	33-0	22-0	24-6	319-0	320-3	0-3	18-7	26-8	57-0
20-8	65-3	6954-1	425-0	-22-5	-35-4	226-2	35-9	25-6	24-6	320-2	321-2	0-3	19-5	29-2	54-0
22-1	68-8	7396-9	400-0	-24-9	-41-0	227-4	39-7	29-2	26-9	322-6	323-5	0-3	20-7	32-6	51-0
24-1	72-5	7864-2	375-0	-27-2	-43-4	225-8	46-8	33-6	32-6	325-5	326-3	0-2	19-6	37-7	50-0
2-7	76-5	8358-7	350-0	-30-2	-46-6	224-5	43-8	30-7	31-2	327-9	328-5	0-2	18-3	42-2	53-0
21-2	80-7	8881-5	325-0	-34-4	-49-9	227-2	47-4	34-8	32-2	329-1	329-6	0-1	18-9	46-0	52-0
22-9	82-1	9434-9	300-0	-39-8	-56-9	225-3	44-9	31-9	31-6	329-2	329-9	0-9	99-9	50-8	51-0
30-9	89-5	10024-6	275-0	-43-8	-60-8	227-8	48-7	36-1	32-7	331-0	329-9	0-9	99-9	56-7	51-0
33-0	94-5	10458-7	250-0	-48-4	-69-9	229-0	45-3	34-2	29-7	334-1	329-9	0-9	99-9	62-4	51-0
34-9	99-6	11345-4	225-0	-52-3	-74-9	231-0	50-8	39-5	32-3	334-1	329-9	0-9	99-9	67-6	51-0
37-3	105-2	12096-8	200-0	-57-9	-82-9	231-5	53-0	41-5	33-4	341-0	329-9	0-9	99-9	73-2	51-0
40-0	111-3	12931-6	175-0	-60-8	-90-0	235-3	41-1	33-7	33-4	349-6	329-9	0-9	99-9	82-8	51-0
42-7	116-0	13894-4	150-0	-61-0	-99-9	236-1	43-4	32-7	31-5	364-9	329-9	0-9	99-9	90-2	51-0
45-8	125-7	15028-2	125-0	-61-9	-99-9	231-8	27-9	21-9	17-3	382-9	329-9	0-9	99-9	96-5	51-0
50-1	136-0	16404-1	100-0	-61-4	-99-9	247-5	47-5	41-4	23-4	409-1	329-9	0-9	99-9	103-1	52-0
54-4	142-7	18157-9	75-0	-64-4	-99-9	15-0	10-0	1-9	9-8	438-0	329-9	0-9	99-9	108-1	52-0
61-4	152-7	20273-3	50-0	-58-7	-97-9	226-3	11-3	8-6	6-3	505-4	329-9	0-9	99-9	108-6	51-0
99-9	99-9	99-9	25-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEX

27 APRIL 1978
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

183 17. 1

TIME MIN	CHCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIN DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RM PCY	RANGE KM	AZ DG
6.0	15.7	1193.0	874.0	19.3	-15.7	200.0	9.3	9.2	-1.6	303.7	307.6	1.3	0.0	0.0	0.0
9.0	99.9	94.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	15.9	1222.3	875.0	19.0	-15.1	112.0	0.6	-0.6	0.2	303.7	307.6	1.4	0.6	0.6	75.0
0.0	19.3	1466.6	850.0	14.7	-17.6	260.0	1.9	1.9	0.1	301.6	305.1	1.1	9.2	7.8	99.0
1.0	20.5	1719.3	825.0	11.8	-17.6	274.7	15.3	15.3	-1.3	301.3	305.1	1.2	11.9	1.4	97.0
2.0	22.0	1975.0	800.0	9.4	-17.6	273.0	16.1	16.1	-0.8	301.3	305.0	1.2	13.1	2.4	94.0
3.7	25.3	2236.9	775.0	7.2	-18.6	260.0	16.3	16.3	0.1	301.7	305.2	1.1	13.9	3.2	94.0
4.5	27.6	2505.3	750.0	5.3	-19.3	263.7	19.5	19.4	2.1	302.5	305.9	1.1	14.8	5.1	91.0
5.2	30.2	2760.0	725.0	3.2	-19.9	259.9	24.1	23.6	4.6	303.1	306.4	1.1	16.8	9.1	91.0
5.8	32.6	3044.7	700.0	2.6	-21.3	257.0	25.1	24.5	5.3	305.4	308.6	1.0	15.2	6.0	99.0
6.4	35.8	3357.8	675.0	0.6	-23.0	250.3	24.9	24.4	4.6	306.4	309.2	0.9	15.0	6.9	87.0
7.1	39.0	3658.9	650.0	-2.2	-25.2	260.0	24.9	24.6	4.0	306.5	309.0	0.8	15.2	7.8	87.0
8.5	43.5	3966.0	625.0	-5.1	-27.4	261.3	24.8	24.6	3.6	306.6	308.7	0.6	15.4	6.8	84.0
9.5	46.5	4287.3	600.0	-7.9	-29.5	241.3	25.3	25.0	3.8	307.0	308.8	0.5	15.6	10.0	86.0
9.6	46.5	4617.1	575.0	-9.7	-29.1	256.7	26.5	26.0	5.2	308.7	310.6	0.6	18.0	11.6	85.0
11.2	49.6	4959.0	550.0	-11.3	-30.1	260.5	31.4	31.0	5.2	310.5	311.8	0.4	13.3	14.3	74.0
12.6	52.6	5314.2	525.0	-13.6	-30.0	259.0	31.3	30.8	6.0	312.1	313.1	0.3	10.4	17.4	83.0
13.9	55.7	5683.2	500.0	-16.6	-30.2	261.5	31.8	31.5	4.7	312.7	313.5	0.2	10.9	19.6	83.0
14.6	59.0	6066.0	475.0	-19.8	-32.5	263.2	31.8	31.6	3.7	313.4	314.1	0.2	11.2	21.4	83.0
15.8	62.4	6465.8	450.0	-21.5	-32.7	267.5	30.4	30.4	1.3	316.2	316.8	0.2	11.3	23.2	83.0
17.0	65.9	6884.9	425.0	-24.1	-35.6	268.9	29.4	29.4	0.6	318.1	318.4	0.1	11.6	25.2	83.0
1.4	69.6	7325.4	400.0	-26.2	-37.2	265.3	30.5	30.4	2.5	320.9	321.4	0.1	11.7	27.7	84.0
20.6	73.3	7789.7	375.0	-29.2	-39.6	257.7	28.7	28.1	6.1	322.9	323.3	0.1	12.0	31.5	83.0
22.4	77.4	8279.2	350.0	-32.6	-42.0	251.4	34.6	32.8	11.0	324.7	325.1	0.1	12.3	34.9	81.0
24.3	81.5	8767.1	325.0	-36.6	-45.0	245.2	34.1	31.0	14.3	326.2	326.5	0.1	12.7	38.7	81.0
26.4	85.9	9246.4	300.0	-40.4	-48.9	242.8	37.9	33.7	17.3	329.4	329.9	99.9	99.9	43.1	79.0
28.6	90.6	9734.0	275.0	-44.9	-52.9	243.8	38.7	33.7	17.1	330.2	329.9	99.9	99.9	48.3	78.0
30.8	95.6	10264.9	250.0	-49.4	-56.9	239.3	35.2	30.2	18.0	332.6	329.9	99.9	99.9	52.9	74.0
32.9	100.6	10840.3	225.0	-53.8	-60.9	242.2	49.8	44.0	23.2	336.1	329.9	99.9	99.9	58.7	75.0
35.8	104.5	11497.3	200.0	-58.5	-64.9	238.7	40.3	34.4	20.9	340.2	329.9	99.9	99.9	64.9	73.0
38.6	112.7	12034.5	175.0	-59.9	-69.9	245.5	45.4	41.3	18.8	351.0	329.9	99.9	99.9	73.0	72.0
42.3	119.3	12798.9	150.0	-58.4	-69.9	247.9	36.4	33.7	13.7	359.5	329.9	99.9	99.9	81.9	71.0
46.3	127.0	14046.2	125.0	-60.0	-69.9	237.6	30.4	25.7	16.2	368.4	329.9	99.9	99.9	89.7	70.0
51.3	135.7	15335.2	100.0	-61.7	-69.9	233.9	14.5	14.9	10.9	408.6	329.9	99.9	99.9	95.9	70.0
56.7	144.0	16887.9	75.0	-66.9	-69.9	243.2	13.1	11.7	5.9	432.6	329.9	99.9	99.9	100.5	69.0
64.8	153.5	20000.0	50.0	-59.6	-69.9	44.4	1.6	-1.4	-0.8	503.2	329.9	99.9	99.9	103.2	69.0
78.1	164.0	25015.9	25.0	-53.1	-69.9	101.6	9.3	-9.2	1.1	632.1	329.9	99.9	99.9	101.6	69.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

6 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENN27 APRIL 1975
2315 GMT

TIME MIN	CHTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR WTD CM/KG	RM PCT	RANGF KM	AZ DEG
00	5.1	180.0	992.7	27.8	16.7	180.0	4.2	0.0	4.2	303.3	336.2	12.2	51.0	0.0	0.
05.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06.0	6.5	339.0	975.0	26.7	16.0	193.3	8.3	1.0	7.0	303.7	335.7	11.0	51.7	0.3	11.
10.5	8.7	568.5	950.0	24.9	14.6	158.4	8.8	2.8	8.3	303.9	334.2	11.1	53.0	0.7	13.
20.3	10.0	602.0	925.0	22.9	13.4	200.2	9.0	3.1	8.5	304.2	332.9	10.5	55.0	1.2	16.
30.1	13.1	1040.0	905.0	20.4	12.0	201.9	7.1	2.7	6.6	303.9	330.9	9.9	58.4	1.6	17.
40.1	15.4	1282.0	875.0	18.2	11.3	202.7	7.6	2.9	7.0	304.0	330.4	9.7	64.0	2.0	18.
49.9	17.0	1830.0	850.0	16.0	10.7	214.0	6.1	4.5	6.7	304.2	330.4	9.6	70.9	2.4	19.
50.0	20.1	1793.0	825.0	14.1	10.0	246.4	7.9	7.2	3.2	304.6	330.6	9.4	76.4	2.7	20.
60.0	22.4	2043.0	800.0	11.8	9.3	244.9	9.2	8.6	3.3	304.9	328.8	8.6	79.0	3.1	31.
70.0	24.9	2308.0	775.0	10.3	5.2	251.2	9.5	9.0	3.1	305.8	326.0	7.2	79.6	3.5	37.
80.0	27.3	2581.0	750.0	9.0	1.9	246.3	9.4	8.4	3.0	304.7	323.5	5.9	82.7	4.1	41.
90.0	30.0	2861.0	725.0	7.3	-5.7	248.6	8.3	8.3	3.3	307.9	318.1	3.4	89.0	4.7	44.
100.0	32.7	3150.2	700.0	7.4	-4.8	274.1	6.6	6.6	-0.5	311.2	323.1	4.0	93.7	5.0	47.
120.1	35.4	3449.0	675.0	5.4	-3.9	266.6	6.2	5.9	-1.0	312.2	324.0	4.2	91.0	5.3	51.
130.3	38.1	3756.3	650.0	3.4	-11.2	282.4	7.4	7.2	-1.6	313.1	320.6	2.5	93.5	5.2	56.
140.5	40.0	4073.4	625.0	1.0	-8.9	276.1	9.7	9.7	-1.0	314.1	325.1	3.7	95.6	6.0	59.
150.0	43.9	4400.0	600.0	-1.9	-8.0	261.6	13.5	13.2	-2.7	314.3	324.9	3.5	97.3	6.7	64.
170.3	47.0	4737.7	575.0	-3.4	-8.6	264.2	16.9	16.3	-4.1	316.1	326.8	3.5	98.3	7.4	70.
180.6	50.0	5017.7	550.0	-6.2	-11.4	280.3	18.3	17.4	-5.7	317.0	326.1	2.9	94.7	9.0	75.
190.9	53.0	5449.8	525.0	-9.5	-16.8	240.1	18.1	17.0	-6.2	317.2	323.4	2.0	94.1	10.2	80.
210.3	56.1	5823.6	500.0	-10.8	-17.1	250.0	17.4	16.4	-8.0	320.1	326.5	2.0	99.5	11.5	87.
220.7	59.0	6219.3	475.0	-12.5	-21.3	297.6	17.9	15.8	-8.3	322.4	327.5	1.5	97.4	12.8	87.
240.2	62.3	6630.1	450.0	-15.9	-25.4	304.2	19.0	15.4	-11.2	323.4	327.0	1.1	94.7	14.3	91.
250.9	66.0	7058.1	425.0	-19.3	-32.0	303.6	18.4	15.4	-10.2	324.3	326.4	0.6	91.3	15.7	95.
270.0	70.5	7506.3	400.0	-22.4	-30.5	302.6	20.0	17.4	-11.1	325.9	328.5	0.7	87.3	17.6	98.
290.4	74.5	7977.0	375.0	-25.2	-35.0	304.7	19.5	15.2	-12.2	328.3	330.1	0.5	99.3	19.8	101.
310.5	78.0	8474.0	350.0	-29.4	-37.5	316.5	17.7	12.2	-12.8	329.0	330.6	0.4	94.9	21.7	104.
330.6	81.0	8999.0	325.0	-33.0	-41.4	306.3	14.5	14.9	-10.9	330.1	331.2	0.3	95.5	23.9	107.
350.4	87.0	9555.8	300.0	-37.9	-44.4	269.3	19.2	16.8	-9.4	331.9	332.5	0.2	96.9	26.1	108.
380.4	92.0	10146.9	275.0	-42.9	-49.9	307.9	16.5	13.0	-10.1	333.1	333.9	0.6	99.9	28.9	109.
400.8	97.0	10743.4	250.0	-48.3	-55.0	303.9	20.1	16.7	-11.2	334.2	334.9	0.9	99.9	31.0	113.
470.4	103.3	11666.5	225.0	-53.0	-59.9	294.1	30.6	27.9	-12.5	336.1	336.9	0.9	99.9	33.1	112.
480.6	109.5	12214.7	200.0	-59.7	-59.9	293.7	34.9	31.9	-14.0	3 4.3	336.9	0.9	99.9	31.4	112.
500.0	113.8	13037.2	175.0	-66.3	-66.3	291.8	37.9	35.2	-14.1	340.5	339.9	0.4	99.9	47.6	112.
520.4	117.3	13958.3	150.0	-71.7	-69.9	300.4	28.2	24.3	-14.2	346.7	339.9	0.9	99.9	53.2	113.
570.6	131.0	15041.9	125.0	-66.0	-66.0	303.0	20.1	16.8	-10.9	375.4	339.9	0.1	99.9	59.4	113.
620.5	139.0	16327.2	100.0	-69.3	-69.3	336.5	11.2	4.5	-10.3	393.8	339.9	0.9	99.9	68.4	119.
690.3	157.3	18122.2	75.0	-64.1	-64.1	7.6	6.4	-0.9	-6.3	436.6	339.9	0.9	99.9	70.3	117.
780.1	188.7	20627.0	50.0	-59.0	-59.0	113.8	1.8	-1.7	0.7	504.8	339.9	0.9	99.9	71.8	120.
930.1	194.3	25054.2	25.0	-51.3	-51.3	350.7	4.3	0.0	-4.3	637.5	339.9	0.9	99.9	89.1	122.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARK
27 APRIL 1975
2315 GMT

TIME MIN	CHYCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	79.0	1001.4	28.3	18.4	190.0	6.2	1.1	6.1	303.2	319.3	13.4	55.0	0.0	0.
0.1	6.0	91.5	1000.0	28.9	17.6	173.4	9.6	-1.1	9.7	303.8	338.3	12.6	50.6	3.3	352.
0.9	6.3	316.7	975.0	27.3	16.7	171.2	10.4	-1.6	10.3	304.4	338.0	12.4	52.3	0.5	353.
1.7	10.5	546.1	950.0	25.0	15.5	169.8	9.7	-1.7	9.5	304.2	336.2	8	55.7	1.0	351.
2.5	12.7	779.7	925.0	22.8	14.7	173.5	6.7	-1.0	6.6	304.2	335.4	11.5	60.1	1.4	351.
3.4	15.1	1017.8	900.0	20.4	14.5	181.2	9.0	0.2	8.9	304.1	335.9	11.7	69.0	1.9	352.
4.4	17.3	1260.8	875.0	18.1	14.3	190.9	11.4	2.1	11.1	304.1	336.3	11.8	78.8	2.5	354.
5.3	19.8	1508.7	850.0	15.6	13.2	200.2	10.9	3.8	10.2	304.0	335.0	11.4	85.8	3.1	359.
6.2	22.0	1762.2	825.0	14.3	11.5	212.7	12.3	6.6	10.3	305.1	333.6	10.4	83.4	3.6	4.
7.0	24.5	2021.9	800.0	12.6	6.1	217.8	14.4	9.8	11.4	305.6	326.3	7.4	64.5	4.2	9.
8.0	26.9	2288.8	775.0	12.9	-1.0	220.6	13.9	9.1	10.6	309.2	321.6	4.6	38.3	4.9	14.
8.9	29.5	2563.8	750.0	12.4	-8.7	214.1	13.8	7.4	11.5	310.4	319.4	2.7	22.1	5.6	17.
9.9	32.1	2847.4	725.0	12.1	-14.1	206.6	14.7	6.6	13.1	312.9	318.5	1.8	14.6	6.5	19.
10.9	34.9	3140.2	700.0	10.5	-15.2	213.1	16.2	8.9	13.5	314.3	319.6	1.7	14.8	7.3	20.
11.8	37.4	3441.9	675.0	8.7	-16.5	219.8	16.7	10.7	12.8	315.6	320.5	1.6	15.0	8.3	22.
12.8	40.2	3752.3	650.0	6.0	-17.8	222.9	15.6	10.6	11.5	315.9	320.6	1.4	16.1	9.2	24.
14.1	42.9	4071.6	625.0	3.4	-18.9	219.7	15.8	10.1	12.2	316.5	320.9	1.4	17.6	10.3	26.
15.4	45.8	4401.3	600.0	1.0	-10.1	210.8	16.5	8.4	14.2	317.6	326.8	2.9	43.1	11.5	27.
16.7	48.9	4742.4	575.0	-1.4	-10.1	208.9	15.7	7.6	13.7	318.7	328.3	3.1	51.6	12.8	27.
18.0	51.8	5095.3	550.0	-4.0	-9.1	208.4	14.3	6.8	12.6	319.8	330.6	3.5	67.4	14.7	27.
19.2	54.9	5460.4	525.0	-7.6	-10.2	201.9	14.5	5.4	13.4	319.7	330.1	3.3	81.1	15.1	27.
20.5	57.9	5838.7	500.0	-13.6	-12.2	208.4	16.4	7.8	14.4	320.7	329.8	3.0	87.9	16.2	27.
21.7	61.3	6230.5	475.0	-14.1	-20.2	217.9	15.7	9.6	12.4	320.7	326.0	1.9	59.8	17.4	27.
23.2	64.7	6638.6	450.0	-17.1	-29.5	224.7	13.4	9.4	9.5	321.7	324.2	0.7	33.1	18.5	28.
24.8	68.1	7066.5	425.0	-18.3	-22.6	229.1	12.8	9.8	8.3	325.7	330.5	1.5	68.7	19.7	30.
26.4	71.5	7516.9	400.0	-20.8	-36.7	223.8	15.6	10.8	11.3	327.9	329.4	0.4	22.6	21.1	31.
28.1	75.3	7990.3	375.0	-24.9	-33.7	224.0	18.5	12.8	13.3	328.6	330.7	0.6	43.6	22.6	32.
29.8	79.3	8487.6	350.0	-29.1	-36.6	227.4	17.4	12.8	11.8	329.6	331.2	0.5	47.7	24.5	33.
31.6	83.0	9013.9	325.0	-32.2	-44.7	225.1	18.8	13.3	13.2	332.2	333.0	0.2	27.4	26.5	34.
33.9	87.2	9573.7	300.0	-36.6	-49.5	232.7	23.6	18.8	14.3	333.7	334.2	0.1	24.5	29.1	35.
36.0	91.7	10171.2	275.0	-40.8	99.9	248.2	24.4	22.6	9.0	336.2	999.9	99.9	999.9	32.1	37.
38.0	96.2	10812.7	250.0	-46.0	99.9	257.4	24.2	23.6	5.3	337.8	999.9	99.9	999.9	34.3	40.
40.4	101.2	11505.0	225.0	-51.8	99.9	255.8	26.3	25.5	6.4	339.1	999.9	99.9	999.9	37.4	44.
42.9	106.6	12255.6	200.0	-59.0	99.9	257.2	24.9	24.3	5.5	339.3	999.9	99.9	999.9	40.5	47.
46.1	112.3	13081.1	175.0	-65.4	99.9	257.2	33.1	32.3	7.3	342.0	999.9	99.9	999.9	45.7	50.
50.2	118.5	14006.7	150.0	-69.0	99.9	262.6	22.1	21.9	2.9	341.2	999.9	99.9	999.9	52.2	54.
54.6	125.5	15097.7	125.0	-66.8	99.9	256.8	18.6	18.1	4.2	374.1	999.9	99.9	999.9	57.3	56.
59.7	133.0	16439.0	100.0	-70.6	99.9	267.3	9.0	9.0	0.4	391.3	999.9	99.9	999.9	61.1	59.
66.4	140.7	18173.4	75.0	-67.0	99.9	276.8	4.3	4.2	-0.5	432.4	999.9	99.9	999.9	64.0	58.
75.6	148.7	20654.2	50.0	-60.9	99.9	43.8	4.7	-3.3	-3.4	500.1	999.9	99.9	999.9	63.0	60.
98.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETTE, MO27 APRIL 1975
2315 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MR 370 CM/KG	RM PCT	RANGE AZ KM	SS 462.0
0.0	10.3	430.0	557.7	25.0	15.6	170.0	6.7	-1.2	6.6	303.3	335.3	11.8	56.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	10.9	509.0	950.0	24.8	13.3	177.7	8.5	-0.3	8.5	333.8	331.6	10.2	48.8	0.5	399.
1.0	13.5	743.3	925.0	24.3	11.7	179.2	10.4	-0.1	10.4	305.5	331.4	9.4	45.1	0.8	352.
1.8	15.8	692.6	900.0	22.2	11.6	181.9	13.3	0.4	13.3	305.7	332.2	9.6	50.9	1.4	355.
2.6	18.4	1225.6	875.0	19.6	10.4	187.2	15.5	1.9	15.4	335.4	333.6	9.1	55.5	2.1	338.
3.4	20.8	1475.6	850.0	17.3	9.4	192.4	18.6	4.0	18.2	305.4	329.8	8.8	59.8	2.9	1.
4.3	23.4	1730.0	825.0	15.2	8.6	194.7	18.9	5.4	17.9	305.8	329.5	8.5	64.7	3.6	5.
5.2	25.9	1990.1	800.0	13.0	7.0	203.6	22.0	6.8	20.1	306.0	328.1	7.9	66.9	4.9	8.
6.2	28.7	2256.6	775.0	12.0	0.1	217.9	23.0	14.1	18.1	307.4	325.1	5.1	45.2	6.3	13.
7.5	31.6	2531.4	750.0	12.1	-11.6	226.9	22.5	16.5	15.4	310.0	316.4	2.1	17.8	7.8	20.
8.7	34.4	2815.0	725.0	12.4	-17.6	227.4	23.7	17.4	16.0	313.2	317.5	1.3	10.7	9.3	25.
9.7	37.0	3107.5	700.0	11.2	-16.4	226.9	23.4	17.1	16.0	315.0	319.9	1.5	12.8	10.6	28.
10.8	40.0	3409.6	675.0	9.6	-16.4	225.2	22.4	16.2	15.5	315.4	320.5	1.6	15.2	12.0	30.
11.8	42.8	3720.0	650.0	5.9	-16.8	225.2	22.6	16.0	15.9	315.9	320.9	1.6	17.6	13.3	31.
12.9	45.9	4039.6	625.0	3.8	-12.5	221.7	25.1	16.7	18.8	317.0	324.4	2.3	29.3	14.7	32.
13.8	49.0	4369.2	600.0	1.5	-12.1	217.5	26.4	14.1	20.9	318.2	326.1	2.7	35.3	16.4	33.
14.9	52.0	4710.6	375.0	-1.2	99.9	212.4	28.7	15.4	24.2	314.6	309.9	99.9	99.9	18.1	33.
16.1	55.2	5062.5	550.0	-5.0	99.9	207.8	28.5	11.4	21.6	318.3	309.9	99.9	99.9	27.1	33.
17.4	58.4	5426.2	525.0	-8.1	-15.2	202.6	26.5	10.2	24.6	316.9	320.0	2.2	56.8	21.9	32.
18.6	61.7	5803.3	500.0	-11.1	99.9	99.9	99.9	99.9	99.9	315.5	99.9	99.9	99.9	99.9	99.9
20.4	65.3	6195.2	475.0	-13.5	99.9	99.9	99.9	99.9	99.9	321.4	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 153
OKLAHOMA CITY OKC

27 APRIL 1975
2315 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MM	TEMP DG C	DEW PT DG C	WIND DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	A7 DG
0.0	9.0	392.0	559.8	20.6	14.9	180.0	10.3	0.0	10.3	294.7	326.6	11.2	70.0	0.0	0
0.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	9.9	480.5	950.0	20.6	14.9	197.2	12.4	3.8	12.4	299.6	329.1	11.1	68.2	0.4	4
1.1	11.9	711.8	925.0	20.8	12.7	203.2	15.7	6.2	14.4	301.9	327.1	10.0	59.6	0.9	13
1.9	14.1	646.0	900.0	20.7	11.0	212.5	20.1	10.4	16.9	308.1	328.5	9.2	53.7	1.8	21
2.7	16.3	1191.5	875.0	17.4	8.3	213.2	23.4	12.8	19.6	302.9	324.7	7.9	55.3	2.8	25
3.4	19.6	1431.3	850.0	15.3	7.3	215.9	24.1	14.1	19.5	303.2	325.2	7.6	59.1	3.8	28
4.1	20.8	1602.5	825.0	13.8	6.3	223.3	24.2	17.9	19.0	304.1	324.4	7.1	60.4	4.9	30
5.0	23.2	1949.2	800.0	10.5	5.1	228.5	25.8	20.1	17.7	304.2	323.5	5.9	69.2	6.2	34
6.5	25.6	2212.7	775.0	7.8	4.2	232.1	30.0	23.7	18.4	303.1	321.7	6.7	77.7	8.6	38
7.6	29.0	2442.5	750.0	6.0	4.7	235.5	28.6	23.6	16.2	304.0	324.1	7.2	91.7	10.6	41
8.8	30.6	2760.5	725.0	4.1	3.4	231.7	25.4	19.9	15.8	304.9	323.8	6.8	95.0	12.4	43
9.8	33.2	3045.6	700.0	2.2	1.8	225.9	19.2	13.8	13.4	305.7	323.5	6.3	97.4	13.9	44
11.6	35.9	3338.9	675.0	0.3	-0.2	209.8	17.5	10.6	11.8	306.7	322.7	5.6	95.9	15.5	47
17.3	38.4	3642.0	650.0	-0.2	-0.3	203.3	21.4	14.5	14.7	305.5	326.1	5.8	99.2	22.3	37
19.1	41.1	3955.4	625.0	-2.2	-2.7	185.3	16.8	1.7	14.5	312.6	325.2	5.0	94.0	24.1	40
21.2	44.0	4273.5	600.0	-3.6	-4.8	191.4	21.6	4.3	21.2	312.5	325.8	4.5	91.1	25.8	33
22.8	47.0	4615.2	575.0	-5.4	-7.3	193.0	27.2	6.1	26.5	314.1	325.7	3.8	96.5	27.9	31
24.1	50.1	4903.6	550.0	-7.0	-9.2	195.0	24.0	14.0	23.3	316.2	324.3	3.5	84.5	30.4	30
25.8	53.1	5325.2	525.0	-9.5	-11.9	210.7	24.4	15.0	25.3	317.3	326.4	2.9	82.5	31.9	30
27.6	56.1	5701.2	500.0	-11.5	-14.1	205.8	24.0	11.3	23.4	319.3	327.3	2.6	81.0	33.1	30
28.5	59.6	6093.2	475.0	-13.8	-16.6	207.7	34.6	13.9	31.6	321.1	326.1	2.2	79.4	42.4	29
33.3	61.1	6502.3	450.0	-16.6	-19.6	99.9	99.9	99.9	99.9	322.6	325.4	1.8	77.2	99.9	99.9
35.6	66.0	6930.7	425.0	-18.7	-22.0	99.9	99.9	99.9	99.9	325.1	330.2	1.5	75.5	99.9	99.9
35.9	66.9	6930.7	400.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36.9	69.7	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
37.9	72.7	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
38.9	75.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39.9	79.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40.9	82.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
41.9	85.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
42.9	88.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
43.9	91.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
44.9	94.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
45.9	97.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
46.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
47.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
48.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
49.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEX27 APRIL 1975
2315 GMT

145 37. 0

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DG K	E PCT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	14.8	1095.0	681.6	18.9	-8.5	260.0	16.9	16.5	2.9	303.2	312.2	3.1	27.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	15.3	1159.1	675.0	16.2	-6.2	247.4	21.3	19.6	8.2	300.9	308.9	2.7	20.9	3.5	70.
1.4	17.5	1404.0	850.0	13.8	-8.1	251.8	22.7	22.0	6.4	301.0	308.1	2.4	21.0	1.5	70.
2.4	19.9	1654.0	825.0	10.9	-10.4	254.0	22.6	21.9	5.5	300.4	306.6	2.1	21.1	3.1	71.
3.5	22.1	1909.3	800.0	8.4	-12.5	251.4	22.6	21.4	7.2	300.3	305.8	1.8	21.3	4.4	73.
4.4	24.5	2170.6	775.0	6.1	-13.0	251.6	21.5	22.2	7.4	300.6	306.0	1.6	23.8	5.8	73.
5.6	25.8	2437.8	750.0	3.6	-15.1	248.2	21.0	21.3	8.5	300.7	305.5	1.6	23.9	7.4	72.
6.6	25.3	2711.5	725.0	1.3	-16.4	248.9	21.6	22.6	13.4	305.4	305.4	1.5	25.4	8.9	71.
7.3	31.9	2933.1	700.0	-0.9	-18.2	238.0	22.6	19.2	12.0	301.7	305.6	1.3	25.5	10.1	70.
8.1	34.6	3242.3	675.0	-2.9	-20.1	231.7	29.0	22.8	18.0	302.6	306.1	1.1	25.0	11.3	69.
8.9	37.0	3580.4	650.0	-4.4	-22.2	225.0	32.4	22.4	21.3	304.1	307.2	1.0	23.3	12.8	66.
9.8	39.8	3890.1	625.0	-6.6	-23.8	227.6	31.9	23.6	21.6	309.6	312.5	0.9	17.7	14.3	64.
10.7	42.4	4214.3	600.0	-8.5	-23.7	227.2	34.7	23.4	23.6	313.4	316.4	0.9	17.7	15.1	62.
11.6	45.3	4550.3	575.0	-5.1	-25.7	228.3	42.1	31.4	28.0	314.1	316.8	0.8	17.9	18.0	61.
12.5	48.4	4897.5	550.0	-6.2	-25.2	225.9	43.3	30.4	30.5	314.4	316.7	0.7	18.1	20.5	59.
13.4	51.1	5256.4	525.0	-11.4	-30.8	215.5	37.3	23.7	28.8	314.7	316.6	0.6	18.3	22.6	57.
14.5	54.3	5628.1	500.0	-14.9	-33.6	217.6	42.8	26.1	34.0	314.8	316.4	0.4	18.5	24.7	56.
15.6	57.3	6013.4	475.0	-18.4	-36.3	214.1	41.4	23.2	34.2	315.2	316.5	0.4	18.7	27.8	54.
16.6	60.7	6418.2	450.0	-21.7	-36.1	212.4	39.5	21.2	33.4	315.9	316.9	0.3	19.0	29.9	52.
17.8	64.1	6834.6	425.0	-22.1	-39.4	211.8	47.0	22.8	40.0	320.6	321.6	0.3	19.0	32.9	50.
19.0	67.6	7278.0	400.0	-25.1	-41.8	210.5	58.1	25.5	50.0	323.3	323.1	0.2	19.2	36.5	48.
20.2	71.2	7743.7	375.0	-28.7	-44.7	211.1	63.4	32.8	54.3	323.6	324.3	0.2	19.4	41.1	46.
21.4	75.0	8233.7	350.0	-32.5	-47.9	208.6	48.7	20.2	44.4	324.9	325.4	0.1	19.7	46.9	44.
22.6	79.2	8752.8	325.0	-35.6	-51.4	206.4	48.3	21.4	43.2	327.6	328.0	0.1	19.9	47.8	43.
24.2	83.3	9304.6	300.0	-40.0	99.9	210.4	60.7	30.8	52.3	329.0	999.9	99.9	999.9	53.0	42.
25.9	87.7	9894.2	275.0	-44.2	99.9	210.1	48.1	28.2	41.6	311.3	999.9	99.9	999.9	54.3	41.
27.5	92.6	10527.3	250.0	-47.8	99.9	214.3	50.0	26.2	41.3	335.0	999.9	99.9	999.9	63.2	40.
29.2	97.6	11218.7	225.0	-50.3	99.9	214.8	54.2	30.9	44.5	341.5	999.9	99.9	999.9	68.4	40.
30.9	103.0	11982.2	200.0	-53.2	99.9	215.6	44.8	26.1	36.4	348.6	999.9	99.9	999.9	73.4	39.
33.0	109.0	12837.2	175.0	-56.9	99.9	211.0	25.3	12.9	21.4	350.0	999.9	99.9	999.9	77.1	39.
35.6	115.6	13811.6	150.0	-59.7	99.9	215.6	47.7	27.8	38.8	368.9	999.9	99.9	999.9	83.3	39.
38.3	123.3	14658.0	125.0	-57.5	99.9	216.8	25.9	15.5	20.8	395.9	999.9	99.9	999.9	88.4	39.
41.5	131.7	15350.8	100.0	-61.8	99.9	215.1	27.4	12.8	22.4	408.4	999.9	99.9	999.9	92.7	39.
43.3	141.0	16123.6	75.0	-60.4	99.9	219.6	21.4	13.6	16.5	446.3	999.9	99.9	999.9	96.4	38.
50.2	151.5	20663.7	50.0	-58.6	99.9	243.3	0.1	0.1	0.0	510.2	999.9	99.9	999.9	98.0	38.
96.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILL27 APRIL 1975
2315 GMT

TIME MM	CNTCT	WEIGHT GPN	PRES MM	TEMP DG C	DEV PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PM PCY	RANGE KM	A7 DG
0.0	5.2	175.0	991.0	22.8	10.9	120.0	7.2	-6.2	3.6	297.6	320.2	8.3	47.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	6.3	317.0	975.0	22.3	15.1	133.2	11.9	-8.7	8.1	299.1	328.8	11.1	63.6	0.2	299.
1.1	8.4	542.8	950.0	21.2	16.8	154.7	11.1	-4.8	10.1	300.5	334.7	12.9	76.0	0.6	312.
1.9	10.5	774.7	922.0	20.6	17.7	189.1	12.6	1.6	12.5	302.5	339.6	13.9	82.3	1.1	333.
2.7	12.6	1011.7	900.0	18.9	15.9	203.4	14.4	5.7	13.2	302.7	337.2	12.9	82.6	1.6	349.
3.5	14.6	1253.8	873.0	17.7	12.8	212.9	14.9	8.1	12.5	303.6	332.7	10.7	73.0	2.2	1.
4.2	17.0	1501.7	850.0	16.4	11.6	224.1	15.6	10.9	11.2	304.7	332.5	10.1	73.1	2.7	10.
5.0	19.4	1755.7	825.0	14.9	9.9	222.6	17.0	11.5	12.5	305.6	331.4	9.3	72.0	3.4	18.
5.9	21.5	2015.9	800.0	13.1	8.4	225.3	15.3	10.9	10.8	306.3	330.5	8.7	71.2	4.2	22.
6.8	24.0	2282.4	775.0	11.5	5.5	235.8	14.0	11.6	7.9	307.2	327.9	7.4	68.7	4.9	27.
7.6	26.2	2556.1	750.0	9.7	2.4	241.6	11.8	10.4	5.6	307.9	325.3	6.1	60.3	5.5	31.
8.4	28.6	2817.1	725.0	8.6	-3.4	242.3	8.9	8.5	2.7	309.4	321.4	4.1	42.0	5.9	34.
9.4	31.4	3126.3	700.0	6.5	-7.1	269.4	7.1	7.1	0.1	310.1	319.8	3.2	37.4	6.2	37.
10.3	34.1	3423.6	675.0	5.3	-19.4	264.1	7.8	7.8	0.8	311.7	315.6	1.2	14.7	6.4	40.
11.3	36.7	3731.3	650.0	4.4	-18.8	258.2	11.8	11.5	2.4	314.1	318.1	1.3	16.7	6.8	42.
12.3	39.5	4045.5	625.0	2.5	-10.3	258.2	16.6	16.2	3.4	315.7	324.4	2.8	38.6	7.6	46.
13.3	42.1	4378.0	600.0	-0.4	-7.7	260.5	19.9	19.6	3.3	316.1	327.1	3.6	57.8	8.6	50.
14.4	45.1	4717.4	575.0	-2.6	-7.1	267.9	20.5	20.8	0.8	317.5	329.4	3.9	70.9	9.8	55.
15.5	48.1	5068.7	550.0	-5.2	-8.6	272.9	21.9	21.9	-1.1	318.3	329.5	3.6	76.9	10.9	59.
16.7	51.0	5432.4	525.0	-8.2	-10.5	274.1	21.8	21.8	-1.6	319.0	329.2	3.3	83.6	12.2	63.
17.9	54.3	5810.2	500.0	-13.4	-13.1	278.5	18.5	18.5	-2.7	320.7	329.5	2.8	20.6	13.5	67.
19.3	57.4	6203.7	475.0	-12.9	-18.8	279.7	18.9	18.6	-3.2	322.2	329.1	1.8	60.7	14.7	70.
20.5	60.7	6614.0	450.0	-15.6	-24.3	274.2	21.7	21.6	-1.6	323.8	327.6	1.1	44.8	16.1	72.
21.8	64.1	7042.9	425.0	-18.4	-34.2	273.5	20.5	20.4	-1.3	325.3	326.8	0.4	19.1	17.6	76.
23.1	67.7	7492.6	400.0	-21.4	-40.6	273.5	20.1	20.0	-1.2	327.1	328.1	0.3	16.2	19.2	78.
24.6	71.3	7952.3	375.0	-25.0	-41.2	274.1	20.0	20.0	-1.4	328.5	329.5	0.3	20.3	20.8	79.
26.2	75.4	8462.8	350.0	-29.2	-44.0	275.5	19.4	19.3	-1.0	329.4	330.2	0.2	22.1	22.7	79.
28.1	79.8	8987.8	325.0	-33.3	-44.6	279.0	19.5	19.2	-3.1	330.8	331.6	0.2	30.6	25.0	80.
30.0	84.0	9545.7	300.0	-37.6	-49.1	281.8	17.6	17.3	-3.6	332.3	332.8	0.1	28.6	26.7	82.
31.9	86.5	10140.3	275.0	-42.4	-49.9	283.2	21.7	21.1	-4.9	333.8	999.9	99.9	999.9	29.0	83.
33.9	93.6	10776.6	250.0	-48.1	99.9	279.9	25.9	25.4	-4.5	334.6	999.9	99.9	999.9	31.7	85.
35.8	91.8	11462.6	225.0	-53.6	99.9	277.2	26.7	26.5	-3.3	336.4	999.9	99.9	999.9	34.4	86.
38.0	104.5	12208.9	200.0	-60.0	99.9	280.4	29.3	28.6	-5.3	337.7	999.9	99.9	999.9	38.2	87.
40.6	110.6	13029.6	175.0	-66.0	99.9	279.1	28.6	28.3	-4.5	339.5	999.9	99.9	999.9	42.6	89.
43.8	117.3	13953.7	150.0	-66.1	99.9	284.4	23.6	22.9	-5.9	356.2	999.9	99.9	999.9	48.0	89.
47.3	125.3	15055.3	125.0	-66.1	99.9	292.4	18.3	17.0	-7.0	375.2	999.9	99.9	999.9	51.4	91.
51.8	134.6	16408.0	100.0	-67.9	99.9	302.9	15.8	13.3	-8.6	396.5	999.9	99.9	999.9	56.0	93.
57.7	143.0	18155.9	75.0	-63.7	99.9	338.9	5.6	2.0	-5.2	439.4	999.9	99.9	999.9	59.1	96.
65.9	153.0	20691.0	50.0	-57.1	99.9	55.1	8.4	-6.9	-4.3	504.2	999.9	99.9	999.9	58.1	98.
77.0	163.5	25102.0	25.0	-52.0	99.9	63.0	4.1	-3.7	-1.9	635.4	999.9	99.9	999.9	54.8	100.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KAN27 APRIL 1975
2326 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX STD GM/KG	PH PCT	RANGE KM	AZ DG
0.0	14.7	791.0	910.3	22.8	-0.0	220.0	11.8	7.6	9.0	304.6	316.7	4.2	22.0	0.0	0.0
05.0	09.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.0	09.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.0	09.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.0	09.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	13.6	889.1	920.0	19.9	99.9	228.5	36.5	27.4	24.2	302.0	999.9	99.9	999.9	0.3	40.0
1.0	18.0	1129.8	875.0	17.6	99.9	226.8	32.7	23.8	22.4	302.1	999.9	99.9	999.9	1.4	47.0
1.7	20.5	1375.9	850.0	15.1	99.9	225.5	26.6	19.0	18.7	302.0	999.9	99.9	999.9	2.5	46.0
2.4	23.0	1626.9	825.0	13.1	99.9	223.3	26.4	18.1	19.2	302.5	999.9	99.9	999.9	3.7	46.0
3.2	25.5	1884.1	800.0	11.3	99.9	215.8	24.4	14.3	19.6	323.2	999.9	99.9	999.9	4.8	44.0
3.9	28.1	2167.5	775.0	9.3	99.9	209.6	24.4	12.1	21.2	303.8	999.9	99.9	999.9	6.0	42.0
4.8	30.9	2417.6	750.0	7.0	99.9	204.0	26.3	10.6	23.7	304.2	999.9	99.9	999.9	7.1	39.0
5.7	33.7	2694.7	725.0	4.6	99.9	198.1	24.8	8.3	25.5	304.6	999.9	99.9	999.9	8.5	36.0
6.8	36.3	2979.1	700.0	2.3	99.9	193.5	24.1	6.5	27.3	305.1	999.9	99.9	999.9	10.2	33.0
7.7	38.2	3271.1	675.0	-0.6	99.9	193.3	24.1	6.7	28.5	305.0	999.9	99.9	999.9	11.6	30.0
8.5	42.0	3570.9	650.0	-3.0	99.9	193.4	30.0	10.0	28.4	305.6	999.9	99.9	999.9	13.0	28.0
9.2	45.9	3882.7	625.0	-3.6	99.9	205.6	24.8	13.8	23.7	306.3	999.9	99.9	999.9	14.3	28.0
10.0	49.0	4202.2	600.0	-4.7	99.9	207.6	14.8	16.1	30.8	310.7	999.9	99.9	999.9	16.1	28.0
10.9	51.0	4536.0	575.0	-6.0	99.9	204.4	35.1	15.6	31.5	312.9	999.9	99.9	999.9	18.0	28.0
12.0	54.1	4852.3	550.0	-8.4	99.9	203.0	41.0	16.0	37.8	314.1	999.9	99.9	999.9	20.5	27.0
12.9	57.3	5240.9	525.0	-11.0	99.9	201.7	38.9	14.4	36.2	314.2	999.9	99.9	999.9	22.7	27.0
14.0	60.6	5612.0	500.0	-15.1	99.9	201.3	39.3	14.3	36.4	314.6	999.9	99.9	999.9	25.0	24.0
14.9	64.1	5997.5	475.0	-18.4	99.9	201.9	40.1	17.2	42.7	315.3	999.9	99.9	999.9	27.6	26.0
16.1	67.4	6371.2	450.0	-19.9	99.9	202.4	53.0	20.2	49.0	319.5	999.9	99.9	999.9	30.9	25.0
17.3	70.9	6822.2	425.0	-23.0	99.9	203.3	50.6	20.1	46.5	313.5	999.9	99.9	999.9	35.0	25.0
18.7	74.7	7263.8	400.0	-25.8	99.9	204.0	51.7	21.8	49.1	321.5	999.9	99.9	999.9	39.0	25.0
15.8	73.4	7730.2	375.0	-27.5	99.9	202.4	58.8	22.4	54.4	325.2	999.9	99.9	999.9	42.7	25.0
20.9	82.2	8222.5	350.0	-30.1	99.9	201.9	56.0	22.0	54.8	328.1	999.9	99.9	999.9	46.7	25.0
21.9	86.2	8746.9	325.0	-33.0	99.9	200.2	57.2	19.7	53.7	330.1	999.9	99.9	999.9	50.4	24.0
23.3	90.5	9303.7	300.0	-38.2	99.9	199.4	54.5	16.5	55.2	331.5	999.9	99.9	999.9	55.0	24.0
24.9	95.1	9895.5	275.0	-43.5	99.9	200.7	52.1	18.4	48.7	332.3	999.9	99.9	999.9	60.5	24.0
26.5	99.8	10531.6	250.0	-47.1	99.9	202.4	44.2	18.4	44.0	336.0	999.9	99.9	999.9	65.7	23.0
28.1	104.6	11226.4	225.0	-49.1	99.9	193.5	42.3	9.9	41.1	343.3	999.9	99.9	999.9	69.4	23.0
29.6	110.3	11903.2	200.0	-52.9	99.9	193.4	36.8	8.3	34.9	349.1	999.9	99.9	999.9	73.5	23.0
31.4	116.0	12644.5	175.0	-57.5	99.9	196.7	33.8	9.7	32.4	350.0	999.9	99.9	999.9	76.5	22.0
33.6	122.7	13312.9	150.0	-59.6	99.9	205.1	39.2	16.6	35.5	367.5	999.9	99.9	999.9	81.5	22.0
34.3	129.8	14030.2	125.0	-54.1	99.9	190.2	18.9	3.2	18.1	397.1	999.9	99.9	999.9	84.0	22.0
36.4	137.3	14861.5	100.0	-61.2	99.9	211.7	12.8	6.7	10.9	409.5	999.9	99.9	999.9	87.9	22.0
42.3	145.3	18154.0	75.0	-58.8	99.9	194.3	12.5	3.1	12.1	449.6	999.9	99.9	999.9	88.7	22.0
48.9	156.5	20700.8	50.0	-57.8	99.9	93.3	8.3	-8.3	0.5	507.3	999.9	99.9	999.9	90.0	21.0
56.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486
TOPEKA, KAN.27 APRIL 1975
2315 GMT

155 28. 0

TIME MIN	QNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR STD GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	6.7	244.0	972.0	26.1	17.5	180.0	4.2	0.0	0.3	303.7	343.6	14.9	67.0	0.0	0.
98.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	0.6	463.8	950.0	22.4	17.8	188.6	15.4	2.3	15.2	303.4	343.6	13.7	66.7	0.4	9.
1.5	10.6	703.3	920.0	22.4	16.4	187.4	19.1	2.3	16.0	303.9	338.5	12.5	65.7	1.2	8.
2.4	12.8	941.3	900.0	20.3	15.3	192.2	21.7	4.4	21.2	304.1	337.3	12.3	73.0	2.3	6.
3.3	15.0	1144.2	875.0	18.0	14.9	184.6	22.4	5.6	21.7	304.1	337.4	12.3	82.1	3.5	10.
4.2	17.1	1432.6	850.0	16.2	14.1	197.0	23.4	7.1	22.3	304.9	339.6	12.9	92.7	4.7	12.
5.2	19.5	1696.4	825.0	13.7	13.2	199.4	23.9	7.9	22.7	305.6	339.4	11.7	96.6	4.1	13.
6.1	21.7	1945.5	800.0	11.1	11.5	202.4	25.6	9.7	23.7	305.5	335.1	10.8	96.1	7.5	15.
7.1	24.1	2212.3	775.0	11.1	10.4	202.4	26.3	7.3	19.0	307.2	335.7	10.3	95.1	8.9	16.
8.3	26.5	2490.6	750.0	10.0	8.6	209.2	21.6	10.5	18.4	309.6	335.0	9.4	91.0	13.3	17.
9.3	29.0	2768.2	725.0	8.3	6.1	215.0	22.3	12.4	18.0	309.6	332.9	8.2	86.3	11.6	19.
10.5	31.7	3038.3	700.0	7.1	4.5	214.6	23.2	13.0	18.8	311.4	333.2	7.6	83.7	13.1	21.
11.2	34.3	3357.4	675.0	5.2	2.9	211.0	21.5	11.1	18.4	312.4	332.7	7.0	85.0	14.1	22.
12.7	36.9	3663.1	650.0	0.7	-2.1	201.2	18.8	6.8	17.6	315.4	325.2	5.1	81.6	15.6	22.
13.7	39.7	3970.0	625.0	-0.3	-3.5	198.7	16.9	5.4	16.0	312.2	326.2	4.7	81.7	16.7	22.
14.8	42.4	4276.3	600.0	-2.9	-6.1	204.3	17.2	7.1	15.7	313.3	325.4	4.1	78.4	17.4	22.
15.8	45.4	4643.7	575.0	-5.0	-8.6	208.0	17.1	8.1	15.1	314.5	325.1	3.5	75.6	18.9	22.
16.5	48.5	4994.5	550.0	-7.3	-10.5	213.2	15.5	8.5	12.9	315.8	325.4	3.1	78.0	19.7	23.
17.4	51.4	5351.1	525.0	-8.7	-12.1	207.3	14.4	8.4	16.4	318.3	327.3	2.9	76.8	20.6	23.
17.9	54.7	5729.7	500.0	-8.6	-12.0	201.4	21.4	7.8	19.9	322.9	332.6	3.1	76.7	21.1	23.
18.6	57.9	6120.3	475.0	-13.5	-14.0	200.8	24.8	6.8	23.2	325.7	335.0	2.7	75.1	22.0	23.
19.2	61.4	6540.4	450.0	-13.4	-17.3	203.2	26.5	10.4	23.3	326.6	333.7	2.2	72.8	23.1	23.
19.7	65.1	6973.3	425.0	-16.4	-20.5	204.3	26.6	11.9	26.4	329.1	374.0	1.8	70.4	23.9	23.
20.3	68.7	7427.4	400.0	-19.3	-23.7	205.4	33.6	13.3	30.0	330.0	338.8	1.4	67.9	25.0	23.
21.0	72.4	7864.8	375.0	-22.4	-27.2	203.3	36.0	14.2	33.1	332.0	335.8	1.1	65.1	26.5	23.
21.8	76.7	8404.5	350.0	-27.5	-32.7	190.8	31.9	9.8	32.5	331.7	334.1	0.7	60.9	28.1	23.
22.4	80.9	8937.0	325.0	-31.7	-37.3	184.8	32.6	5.6	32.1	332.9	334.6	0.5	57.5	29.4	23.
23.3	85.3	9490.2	300.0	-36.7	-42.6	195.2	34.1	8.9	32.9	333.6	334.7	0.3	53.8	31.0	22.
25.0	90.2	10914.0	275.0	-42.5	-47.9	211.7	37.9	17.3	28.0	333.7	999.9	99.9	999.9	34.9	22.
25.8	95.3	10728.6	250.0	-47.9	-54.3	219.8	28.7	14.4	24.1	334.7	999.9	99.9	999.9	41.3	25.
33.2	100.7	11413.3	225.0	-54.3	-59.9	231.7	22.2	17.4	13.8	335.3	999.9	99.9	999.9	48.4	27.
34.6	104.3	12150.1	200.0	-54.2	-59.9	229.4	23.5	17.6	15.6	335.4	999.9	99.9	999.9	50.5	29.
37.5	113.0	12973.3	175.0	-67.0	-59.9	238.2	26.1	22.2	13.8	339.3	999.9	99.9	999.9	53.9	30.
40.5	120.0	13913.3	150.0	-61.6	-59.9	217.7	14.5	6.9	11.5	363.9	999.9	99.9	999.9	57.4	32.
43.8	127.7	15043.2	125.0	-62.8	-59.9	257.2	11.7	11.4	2.6	381.3	999.9	99.9	999.9	60.8	33.
44.7	136.0	16407.3	100.0	-66.8	-59.9	223.5	10.3	7.7	7.6	394.6	999.9	99.9	999.9	64.3	35.
54.8	144.0	18169.5	75.0	-62.2	-59.9	206.1	6.9	3.1	6.2	442.5	999.9	99.9	999.9	65.6	35.
64.4	152.7	20631.2	50.0	-59.2	-59.9	105.1	8.5	-8.2	2.2	504.0	999.9	99.9	999.9	65.3	33.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG.

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 476
GRAND JUNCTION, CO.

27 APRIL 1975

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

147 15. 1

TIME MIN	CNTCT	HEIGHT CM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO CM/KG	RM MCT	RANGE KM	AZ DG
0.0	14.6	1474.0	843.9	9.4	-4.9	160.0	4.2	-1.4	3.9	297.0	306.0	3.2	36.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	21.3	1660.9	825.0	6.9	-9.2	324.7	0.5	0.3	-0.4	296.2	302.8	2.3	30.5	0.2	339.
1.4	23.7	1912.6	800.0	4.6	-9.7	203.0	1.5	0.6	1.4	296.4	303.0	2.3	34.4	0.2	345.
2.1	26.0	2170.0	775.0	2.1	-10.0	263.5	3.0	3.0	0.2	296.4	303.0	2.3	40.2	0.3	358.
2.8	28.6	2433.6	750.0	-0.4	-10.3	271.4	5.0	5.0	-0.1	296.4	303.1	2.3	46.9	0.3	35.
3.5	31.2	2703.6	725.0	-3.0	-12.2	254.5	9.7	9.3	7.6	296.5	302.5	2.1	48.8	0.6	55.
4.1	33.9	2980.4	700.0	-5.5	-12.5	260.8	9.6	9.5	1.5	296.6	302.7	2.1	57.7	0.9	64.
4.9	35.3	3264.6	675.0	-8.0	-11.2	270.7	10.0	10.0	-0.1	297.0	304.0	2.4	77.8	1.3	71.
5.6	39.1	3556.7	650.0	-10.4	-11.6	277.3	10.6	10.5	-0.1	297.1	304.0	2.4	93.7	1.7	78.
6.3	41.8	3857.1	625.0	-13.1	-13.1	270.5	11.6	11.6	-0.1	297.7	304.1	2.2	107.9	2.3	83.
7.6	44.8	4167.2	600.0	-15.0	-15.0	268.1	12.1	12.1	1.2	298.9	304.8	2.0	101.0	3.1	83.
8.8	47.8	4497.8	575.0	-17.3	-17.4	269.6	13.1	13.1	0.1	299.9	305.0	1.7	99.4	4.0	83.
9.7	50.7	4819.5	550.0	-20.0	-20.7	281.7	14.5	14.2	-2.9	300.5	304.6	1.3	93.7	4.7	85.
10.7	53.6	5103.0	525.0	-22.5	-23.7	292.2	15.9	14.1	-7.3	301.4	304.7	1.1	89.9	5.6	85.
11.8	56.6	5406.6	500.0	-25.2	-27.1	313.2	18.9	13.8	-12.9	302.4	305.0	0.8	84.2	6.5	95.
12.0	59.9	5710.6	475.0	-27.0	-31.3	322.7	21.8	13.2	-17.3	304.6	306.5	0.6	66.6	7.7	103.
14.1	63.4	6278.0	450.0	-30.0	-36.4	330.9	22.3	10.7	-19.3	305.5	306.7	0.4	53.6	8.4	110.
15.3	66.7	6603.3	425.0	-32.3	-39.4	335.3	21.4	9.2	-19.3	307.6	308.6	0.3	49.0	10.0	116.
16.6	70.4	7108.3	400.0	-35.4	-49.3	336.6	22.6	9.8	-20.6	308.9	309.2	0.1	22.5	11.3	121.
18.1	74.1	7555.6	375.0	-38.4	-48.7	334.8	29.7	12.7	-26.9	310.8	311.2	0.1	32.7	13.2	126.
19.5	78.2	8027.1	350.0	-41.3	99.9	334.9	33.3	14.1	-30.1	313.1	999.9	99.9	999.9	15.8	131.
21.2	82.2	8526.6	325.0	-44.6	99.9	333.3	32.8	14.7	-29.3	315.2	999.9	99.9	999.9	16.9	135.
22.9	86.4	9037.5	300.0	-48.7	99.9	325.5	32.4	18.3	-26.7	316.7	999.9	99.9	999.9	22.3	132.
24.9	91.0	9636.0	275.0	-47.3	99.9	312.9	30.1	22.0	-20.5	320.8	999.9	99.9	999.9	25.9	138.
26.9	95.8	10261.8	250.0	-47.0	99.9	315.8	17.8	12.4	-12.7	336.2	999.9	99.9	999.9	28.8	137.
29.3	101.0	10959.2	225.0	-47.1	99.9	250.2	12.4	11.6	-4.3	346.3	999.9	99.9	999.9	31.0	136.
31.8	106.8	11739.8	200.0	-46.4	99.9	288.9	12.2	12.2	0.2	359.1	999.9	99.9	999.9	32.3	135.
34.7	112.7	12622.0	175.0	-48.6	99.9	235.6	11.8	9.8	6.7	369.6	999.9	99.9	999.9	33.6	131.
37.9	119.3	13626.8	150.0	-50.5	99.9	219.9	11.9	7.6	9.1	383.1	999.9	99.9	999.9	34.1	128.
41.9	126.5	14817.3	125.0	-51.7	99.9	167.5	10.2	-2.2	10.0	401.4	999.9	99.9	999.9	34.0	125.
46.9	134.7	16257.4	100.0	-53.2	99.9	109.8	11.1	-2.0	10.9	425.0	999.9	99.9	999.9	32.5	118.
52.2	142.7	18071.8	75.0	-54.7	99.9	217.8	9.5	9.8	7.5	449.8	999.9	99.9	999.9	31.4	112.
59.7	151.7	20641.4	50.0	-56.5	99.9	73.7	9.8	-8.4	-2.8	505.8	999.9	99.9	999.9	31.0	113.
70.6	161.3	25605.7	25.0	-52.6	99.9	88.7	10.0	-10.0	-8.2	633.8	999.9	99.9	999.9	25.8	119.

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
• BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
• BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER

27 APRIL 1975
2316 GMT

TIME MIN	CMCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	WZ RTO G/M/G	RM PCT	RANGE KM	AZ DG
0.0	9.0	160.0	99.0	26.9	16.2	170.0	1.0	-0.2	1.0	302.4	339.3	13.4	59.0	0.0	0.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	7.5	351.3	975.0	27.0	18.7	190.4	2.6	0.5	2.6	304.3	462.3	14.1	60.5	0.2	359.
1.5	9.6	530.7	950.0	24.8	17.3	194.3	4.5	1.1	4.4	304.2	349.0	13.2	63.0	0.4	4.
2.4	11.8	814.2	925.0	22.1	15.5	202.3	5.0	1.9	4.7	303.5	336.3	12.1	66.3	0.7	11.
3.4	13.6	1052.0	900.0	13.9	14.7	211.4	5.3	2.8	4.5	303.6	336.6	11.8	71.9	0.9	15.
4.3	15.6	1294.6	875.0	1.9	14.6	210.0	5.9	3.0	5.1	303.7	336.3	12.0	82.4	1.2	19.
5.2	17.6	1542.1	850.0	1.4	12.4	210.2	7.1	4.0	5.9	303.7	336.3	12.0	82.4	1.2	19.
6.2	20.1	1795.1	825.0	13.4	10.6	220.6	9.1	5.9	6.9	304.1	331.0	10.8	83.3	2.0	26.
7.1	22.1	2054.0	800.0	11.2	7.4	223.6	8.0	6.1	6.3	304.4	330.1	9.3	88.7	2.5	29.
8.1	24.5	2313.9	775.0	9.2	6.7	224.3	8.9	6.2	6.4	304.8	327.0	8.0	84.4	3.0	32.
9.2	26.5	2590.6	750.0	8.0	2.4	219.4	8.7	5.5	6.7	306.0	323.4	6.1	66.4	3.6	33.
10.3	29.0	2970.5	725.0	8.3	-3.8	217.8	5.9	3.6	4.6	309.1	320.8	4.0	42.0	4.1	34.
11.4	31.5	3160.3	700.0	7.8	-11.6	241.3	5.4	4.7	2.6	311.4	318.3	2.3	31.0	4.4	34.
12.5	34.0	3439.1	675.0	6.0	-9.8	263.5	6.5	6.4	0.7	312.7	320.9	2.7	31.0	4.4	37.
13.6	36.4	3767.1	650.0	3.9	-13.6	289.1	7.3	6.9	-2.4	313.6	320.1	2.1	26.5	5.0	42.
14.7	39.1	4064.3	625.0	1.4	-13.3	295.1	9.4	7.0	-1.6	314.4	321.2	2.2	32.3	5.2	48.
15.8	41.6	4411.7	600.0	-1.1	-11.2	256.8	9.3	6.1	-4.2	315.2	323.5	2.7	46.3	5.5	54.
17.2	44.4	4750.2	575.0	-3.3	-9.7	302.2	11.0	4.3	-5.8	316.5	326.3	3.2	61.0	5.8	61.
18.4	47.3	5100.4	550.0	-5.8	-11.1	305.4	12.2	9.9	-7.1	317.5	326.8	3.0	66.6	6.2	68.
19.7	50.2	5453.6	525.0	-8.6	-10.8	308.7	11.6	9.0	-7.2	318.5	326.4	3.2	63.5	6.7	75.
20.9	53.0	5840.2	500.0	-11.3	-15.2	305.3	10.6	8.7	-6.1	319.5	326.9	2.3	72.9	7.2	80.
22.3	55.0	6232.1	475.0	-14.1	-19.0	301.1	11.9	10.2	-6.1	320.6	326.4	1.8	66.5	8.0	84.
23.7	59.3	6640.9	450.0	-16.4	-19.5	301.0	13.6	11.7	-7.0	322.6	323.6	0.3	11.6	8.8	88.
25.1	62.0	7068.6	425.0	-19.3	-40.0	307.8	15.5	12.2	-9.5	324.2	325.2	0.3	13.8	9.6	92.
26.7	65.9	7516.6	400.0	-22.5	-32.2	316.7	16.6	11.4	-12.1	325.8	325.0	0.6	40.6	11.1	98.
28.3	69.8	7987.0	375.0	-26.6	-33.6	318.0	14.5	9.7	-8.4	326.3	328.4	0.6	50.4	12.2	102.
29.8	73.0	8452.2	350.0	-29.7	-36.6	314.5	12.0	8.6	-8.4	324.7	333.4	0.5	50.4	13.3	105.
31.6	77.0	9006.9	325.0	-33.6	-41.5	305.2	12.1	9.9	-7.0	330.3	331.5	0.3	44.3	14.4	107.
33.5	81.0	9561.4	300.0	-38.1	-48.2	294.4	8.3	7.6	-3.4	331.6	332.2	0.2	33.0	15.4	108.
35.6	85.1	10156.7	275.0	-43.2	99.9	304.3	10.2	6.4	-5.8	332.7	999.9	99.9	99.9	16.8	109.
37.7	89.8	10790.3	250.0	-48.9	99.9	298.1	17.1	15.1	-8.1	333.4	999.9	99.9	99.9	18.2	110.
39.3	94.8	11473.6	225.0	-54.3	99.9	293.5	24.4	22.4	-9.7	335.3	999.9	99.9	99.9	21.1	111.
42.2	99.8	12219.1	200.0	-60.0	99.9	301.0	27.9	22.9	-14.4	337.7	999.9	99.9	99.9	24.8	112.
44.6	103.5	13078.3	175.0	-66.8	99.9	302.0	31.4	26.7	-16.6	339.7	999.9	99.9	99.9	29.4	113.
47.6	111.8	13959.9	150.0	-69.3	99.9	298.7	29.8	26.1	-14.3	350.8	999.9	99.9	99.9	34.6	114.
50.7	118.0	15045.7	125.0	-71.0	99.9	300.0	20.2	17.5	-10.1	366.5	999.9	99.9	99.9	38.8	115.
54.8	127.0	16390.5	100.0	-64.9	99.9	320.5	19.3	12.3	-14.0	398.5	999.9	99.9	99.9	44.7	116.
60.0	136.3	18103.6	75.0	-68.7	99.9	313.6	9.9	7.1	-6.8	429.0	999.9	99.9	99.9	48.5	119.
67.0	148.5	20375.6	50.0	-61.0	99.9	42.0	3.5	-2.4	-2.6	499.7	999.9	99.9	99.9	49.7	121.
77.0	186.5	24976.8	25.0	-51.6	99.9	62.6	2.5	-2.2	-1.2	636.5	999.9	99.9	99.9	48.6	124.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22002
PT. SILL, OKLA

28 APRIL 1975
0 GMT

112 130. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES IN	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E DIT T DEG K	MX 2TO G4/KG	RM PCT	RANGE KM	AZ DEG
00	8.8	362.0	562.6	17.0	14.1	150.0	6.2	-3.1	5.4	294.7	322.5	10.6	83.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.9	99.9	99.9	579.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.9	10.0	704.4	550.0	16.6	13.2	169.1	13.6	-2.6	13.6	295.2	319.7	8.9	70.8	0.3	34.1
03.9	12.0	704.0	925.0	20.2	12.1	174.2	13.9	-1.4	13.9	301.3	327.4	9.0	59.5	1.0	34.6
04.9	14.3	940.5	505.0	19.6	10.9	185.3	13.2	1.2	13.1	303.0	328.0	9.1	57.0	1.7	35.2
05.9	16.4	1183.2	875.0	19.3	14.2	208.8	12.3	5.9	10.8	305.0	329.9	9.0	55.7	2.3	35.9
06.9	18.7	1432.8	850.0	18.7	10.7	222.2	12.0	8.1	8.9	307.0	332.7	9.3	57.8	2.9	7.
07.9	21.0	1698.5	825.0	17.4	6.0	234.6	12.1	9.9	7.0	307.9	328.2	7.2	47.2	3.4	14.
08.9	23.3	1950.6	800.0	15.6	1.4	242.8	13.5	12.0	6.2	308.7	328.0	5.3	37.5	3.9	21.
09.9	25.6	2210.4	775.0	13.5	-1.4	248.7	16.3	15.1	5.9	308.9	328.0	4.5	35.5	4.6	30.
10.9	28.1	2494.1	750.0	11.1	-6.4	249.0	19.1	16.9	6.5	309.1	318.5	3.2	28.6	5.4	37.
11.9	30.6	2775.0	725.0	9.1	-8.9	248.5	19.5	14.2	7.2	309.8	318.0	2.7	27.0	6.2	41.
12.9	33.2	3055.1	700.0	6.2	-10.3	248.2	20.1	18.7	7.5	309.6	317.2	2.5	29.5	7.2	45.
13.9	35.6	3314.5	675.0	3.3	-11.6	247.7	20.7	16.2	7.9	309.6	316.4	2.3	32.5	8.3	48.
14.9	38.3	3605.7	650.0	0.3	-12.6	246.1	22.3	17.1	8.9	309.6	316.4	2.2	37.0	9.4	51.
15.9	41.0	3978.7	625.0	-2.5	-12.9	240.3	26.2	22.8	13.0	309.9	318.0	2.7	52.6	11.3	54.
16.9	43.7	4301.8	600.0	-4.5	-15.7	234.8	30.5	24.9	17.5	311.2	317.0	1.9	41.3	13.4	54.
17.9	46.6	4635.7	575.0	-6.3	-23.1	229.9	34.3	28.9	22.1	312.8	316.1	1.0	29.2	15.6	53.
18.9	49.5	4983.0	550.0	-7.5	-16.1	226.5	41.2	26.9	28.3	315.4	321.7	2.0	49.9	19.9	53.
19.9	52.3	5343.5	525.0	-10.0	-13.2	221.0	43.3	28.4	32.7	316.7	324.9	2.6	77.3	22.3	51.
20.9	55.3	5718.4	500.0	-12.6	-14.4	207.3	28.9	13.3	25.7	318.0	325.9	2.5	85.8	25.3	49.
21.9	58.3	6104.0	475.0	-14.5	-16.3	202.8	23.8	6.3	21.9	320.3	327.4	2.2	85.6	27.2	47.
22.9	61.6	6517.9	450.0	-16.5	-18.0	203.8	22.3	9.0	20.4	322.7	329.4	2.1	88.6	29.1	46.
23.9	65.0	6955.8	425.0	-19.1	-20.6	203.4	27.0	10.7	24.7	324.7	330.4	1.7	87.5	31.1	44.
24.9	68.3	7394.8	400.0	-22.2	-23.8	206.6	26.5	12.7	25.5	326.2	330.9	1.4	86.5	33.2	43.
25.9	71.7	7866.8	375.0	-25.3	-27.0	207.5	12.8	14.2	23.1	328.2	332.0	1.1	85.7	35.4	42.
26.9	75.5	8365.0	350.0	-28.5	-30.4	206.7	35.0	15.8	31.3	330.4	333.4	0.9	83.5	37.7	41.
27.9	79.5	8891.9	325.0	-32.8	-35.1	204.4	34.5	16.4	30.3	331.4	333.5	0.6	79.8	40.2	40.
28.9	83.3	9451.0	300.0	-36.8	-38.4	201.6	28.3	10.5	26.3	333.5	335.0	0.4	76.1	42.7	39.
29.9	87.6	10047.7	275.0	-41.9	-41.9	203.2	27.3	17.8	23.1	334.5	336.9	0.9	99.9	45.5	34.
30.9	92.2	10696.9	250.0	-46.8	-46.8	209.2	26.7	13.0	21.3	336.5	338.0	0.9	99.9	47.5	37.
31.9	97.0	11375.0	225.0	-53.3	-53.3	217.6	27.2	16.6	21.6	336.8	339.9	0.9	99.9	51.6	37.
32.9	102.0	12120.5	200.0	-59.7	-59.7	218.0	27.4	16.3	21.8	338.3	340.9	0.9	99.9	55.0	37.
33.9	107.8	12942.5	175.0	-65.6	-65.6	206.6	31.2	14.1	27.9	341.7	342.9	0.9	99.9	58.8	37.
34.9	113.8	13877.3	150.0	-63.3	-63.3	99.9	99.9	99.9	99.9	361.1	349.9	0.9	99.9	99.9	99.9
35.9	99.9	99.9	125.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36.9	99.9	99.9	100.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
37.9	99.9	99.9	75.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
38.9	99.9	99.9	50.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39.9	99.9	99.9	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

Sounding Data

28 April 1975

0300 GMT

PRECEDING PAGE BLANK NOT FILMED

STATION NO. 213
WAYCROSS, GA20 APRIL 1978
300 GMT

TIME MIN	CNTCT	WEIGHT GMS	PRES HG	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U CLIMB M/SEC	V CLIMB M/SEC	POT T DEG K	E POT T DEG K	MR RTO GMS/KG	RM PCV	RANGE KM	AZ DEG
00	3.5	44.0	1011.3	22.8	17.0	170.0	2.6	-0.5	2.6	294.8	331.5	13.3	76.0	0.0	0.
02	4.2	107.4	1000.0	23.1	17.0	167.4	14.1	-1.0	13.6	294.0	331.5	13.3	76.0	0.0	0.
04	5.9	363.5	975.0	22.9	17.0	172.4	14.3	-1.0	14.2	294.0	331.5	13.3	76.0	0.0	0.
06	7.6	500.3	950.0	22.4	14.0	163.6	13.4	0.4	13.4	302.4	331.5	13.3	76.0	0.0	0.
08	8.8	822.4	925.0	21.1	14.0	167.8	10.0	3.1	9.4	302.4	331.5	13.3	76.0	0.0	0.
10	11.5	1057.7	900.0	20.4	15.0	160.0	7.6	2.1	6.4	302.4	331.5	13.3	76.0	0.0	0.
12	13.9	1303.1	875.0	17.5	17.0	160.0	7.2	2.1	6.4	302.4	331.5	13.3	76.0	0.0	0.
14	15.3	1511.6	850.0	16.5	12.3	217.6	7.1	4.5	9.4	302.4	331.5	13.3	76.0	0.0	0.
16	17.6	1755.0	825.0	14.6	10.4	257.6	5.9	4.4	3.7	302.4	331.5	13.3	76.0	0.0	0.
18	19.9	2055.0	800.0	12.3	9.2	257.6	5.2	5.1	1.1	302.4	331.5	13.3	76.0	0.0	0.
20	21.4	2311.3	775.0	10.3	6.0	274.4	4.2	5.2	-0.1	302.4	331.5	13.3	76.0	0.0	0.
22	23.6	2604.2	750.0	9.9	5.4	280.7	5.2	4.9	-1.0	302.4	331.5	13.3	76.0	0.0	0.
24	25.7	2845.8	725.0	7.3	3.4	297.7	4.1	4.0	-1.0	302.4	331.5	13.3	76.0	0.0	0.
26	27.9	3173.1	700.0	5.5	1.7	302.8	4.9	4.2	-1.0	302.4	331.5	13.3	76.0	0.0	0.
28	30.3	3459.5	675.0	3.4	-1.9	313.2	4.2	3.1	-2.0	302.4	331.5	13.3	76.0	0.0	0.
30	32.7	3775.3	650.0	1.3	-1.6	325.1	1.7	2.1	-1.1	302.4	331.5	13.3	76.0	0.0	0.
32	35.1	4090.4	625.0	-0.2	-3.7	322.2	3.6	2.1	-3.6	315.9	325.2	13.3	76.0	0.0	0.
34	37.4	4417.0	600.0	-1.3	-6.0	319.1	5.6	3.7	-4.3	315.1	325.2	13.3	76.0	0.0	0.
36	39.8	4758.4	575.0	-2.4	-12.4	322.4	6.7	4.1	-5.3	317.0	325.2	13.3	76.0	0.0	0.
38	42.8	5107.3	550.0	-4.7	-19.6	330.6	7.5	3.7	-6.6	319.3	325.2	13.3	76.0	0.0	0.
40	45.2	5472.5	525.0	-6.7	-25.1	333.6	8.6	3.8	-7.7	321.0	325.2	13.3	76.0	0.0	0.
42	47.6	5852.4	500.0	-8.4	-24.1	330.7	9.5	4.6	-8.3	322.6	325.2	13.3	76.0	0.0	0.
44	50.1	6248.2	475.0	-11.4	-2.1	334.0	9.5	4.5	-7.8	323.9	325.2	13.3	76.0	0.0	0.
46	52.8	6650.6	450.0	-14.5	-3.4	337.7	10.4	4.4	-9.5	325.0	325.2	13.3	76.0	0.0	0.
48	55.7	7090.8	425.0	-19.2	-32.1	337.7	11.0	4.2	-10.9	325.0	325.2	13.3	76.0	0.0	0.
50	58.0	7540.3	400.0	-21.7	-33.3	347.2	11.0	3.3	-10.9	325.2	325.2	13.3	76.0	0.0	0.
52	60.7	8012.6	375.0	-25.1	-36.1	344.5	10.5	1.9	-10.4	326.3	325.2	13.3	76.0	0.0	0.
54	63.7	8510.3	350.0	-28.6	-42.2	340.3	10.7	3.5	-10.1	330.2	331.0	13.3	76.0	0.0	0.
56	66.7	9037.0	325.0	-32.5	-49.3	335.6	11.7	4.9	-10.7	331.4	331.0	13.3	76.0	0.0	0.
58	69.4	9595.3	300.0	-37.3	-48.0	330.1	11.7	4.9	-12.0	332.7	331.0	13.3	76.0	0.0	0.
60	72.2	10190.1	275.0	-42.2	99.9	322.4	15.1	9.2	-14.0	334.1	331.0	13.3	76.0	0.0	0.
62	75.0	10826.8	250.0	-48.0	97.9	320.5	19.3	9.5	-16.8	334.6	331.0	13.3	76.0	0.0	0.
64	77.8	11512.4	225.0	-54.0	96.9	327.1	22.6	12.3	-17.0	335.2	331.0	13.3	76.0	0.0	0.
66	80.6	12258.6	200.0	-60.3	99.9	324.1	24.0	14.4	-23.4	337.3	331.0	13.3	76.0	0.0	0.
68	83.3	13080.4	175.0	-66.1	99.9	326.3	30.4	16.9	-25.3	342.5	331.0	13.3	76.0	0.0	0.
70	86.3	13999.1	150.0	-73.0	99.9	320.0	31.1	20.3	-27.5	344.4	331.0	13.3	76.0	0.0	0.
72	89.7	15072.2	125.0	-70.1	99.9	322.5	26.8	16.3	-21.3	346.1	331.0	13.3	76.0	0.0	0.
74	92.7	16409.9	100.0	-71.1	99.9	323.3	20.7	12.4	-14.5	350.4	331.0	13.3	76.0	0.0	0.
76	95.4	18124.3	75.0	-67.1	96.9	344.4	9.6	1.9	-8.0	432.3	331.0	13.3	76.0	0.0	0.
78	98.1	20610.5	50.0	-60.3	96.9	335.5	5.6	-1.3	-5.6	521.4	331.0	13.3	76.0	0.0	0.
80	101.0	23018.1	25.0	-51.5	96.9	167.7	4.6	-1.0	4.7	634.5	331.0	13.3	76.0	0.0	0.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISS

20 APRIL 1978
215 GMT

TIME MIN	CNTCT	WEIGHT GMM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY Y DEG K	E POT Y DEG K	MR STD GM/HC	RM PCT	RANGE KM	90.0	0
0.0	4.5	100.0	1003.0	22.0	18.0	100.0	3.6	-1.2	3.6	297.6	333.6	13.7	78.0	0.0	0.0	0
0.1	4.6	125.2	1020.0	23.0	18.0	159.5	8.6	-3.0	8.0	298.0	334.4	13.9	77.6	2.1	33.0	0
0.2	4.5	347.6	975.0	23.1	17.0	101.0	12.0	-0.0	12.2	300.2	335.1	13.1	71.0	0.5	34.3	0
1.6	8.7	57.6	920.0	22.0	17.1	152.9	11.3	-0.1	10.0	301.3	336.1	13.1	73.9	1.2	34.5	0
2.7	10.7	806.2	925.0	23.0	16.2	999.9	99.9	99.9	99.9	301.4	335.2	12.6	78.7	999.9	999.9	0
3.7	12.9	1042.2	905.0	17.6	14.9	999.9	99.9	99.9	99.9	301.3	333.4	12.0	94.2	999.9	999.9	0
4.7	13.2	1243.0	874.0	13.0	12.4	999.9	99.9	99.9	99.9	301.6	329.8	10.4	78.9	999.9	999.9	0
5.7	17.3	1125.2	950.0	14.4	8.8	200.9	9.1	3.5	9.3	302.3	325.4	8.4	67.3	3.4	0	0
6.8	19.6	1791.6	825.0	14.6	1.5	278.6	9.8	4.7	8.7	308.8	319.5	5.2	40.8	4.0	11.0	0
7.8	21.7	2341.6	690.0	13.8	2.8	202.7	8.0	3.1	7.4	306.7	323.5	5.9	47.4	4.5	14.0	0
8.9	24.2	2348.4	775.0	12.1	-1.3	147.9	9.8	1.3	9.7	307.4	323.4	4.5	39.5	5.1	13.0	0
9.8	26.4	2522.2	750.0	10.3	-3.5	142.9	8.7	1.5	8.5	308.3	319.8	3.9	27.6	5.7	13.0	0
11.0	29.0	7506.7	725.0	9.6	-11.3	193.3	7.3	1.1	6.9	310.5	317.3	2.2	21.3	6.2	12.0	0
12.2	31.4	3155.3	700.0	10.1	-7.5	132.6	6.2	0.4	6.1	314.0	323.5	3.1	26.1	6.7	12.0	0
13.5	34.2	3457.6	675.0	8.5	-8.8	174.9	5.8	0.5	5.8	315.5	324.4	2.9	26.3	7.1	11.0	0
14.7	35.8	3707.4	650.0	6.1	-9.4	181.0	6.1	0.1	6.1	314.2	324.1	2.0	31.8	7.5	10.0	0
16.0	38.6	4088.9	625.0	3.0	-11.2	143.8	5.3	1.3	5.2	316.3	324.4	2.6	34.3	8.0	10.0	0
17.0	42.1	4416.8	600.0	1.2	-10.7	145.7	4.7	1.5	4.7	317.8	326.6	2.8	40.7	8.4	10.0	0
18.9	47.1	4758.2	575.0	-0.6	-13.6	197.9	5.5	1.7	5.2	319.5	324.9	2.3	34.6	8.8	10.0	0
20.4	46.1	5112.0	550.0	-2.9	-15.9	204.3	6.7	3.2	5.9	320.9	327.4	2.0	35.6	9.4	11.0	0
21.7	51.0	5473.8	525.0	-5.7	-19.6	226.0	7.9	5.9	5.9	321.4	327.2	1.6	34.4	9.9	12.0	0
23.2	54.3	5854.9	500.0	-8.8	-27.1	247.9	8.9	8.3	3.2	324.4	326.9	0.8	24.6	17.5	15.0	0
24.7	57.3	6254.4	475.0	-11.3	-27.6	261.1	9.9	9.8	1.5	324.0	326.2	0.8	20.9	17.9	19.0	0
26.4	60.8	6644.6	450.0	-14.4	-32.0	252.6	9.4	9.0	2.8	325.1	327.2	0.6	20.7	11.4	24.0	0
28.1	64.3	7097.8	425.0	-17.3	-36.9	243.1	9.9	8.9	4.8	326.8	328.4	0.5	19.8	12.1	27.0	0
30.3	67.9	7549.2	400.0	-20.8	-37.6	243.4	12.1	11.3	4.3	328.2	329.5	0.4	20.0	13.1	30.0	0
31.8	71.5	8022.9	375.0	-24.4	-40.2	253.5	13.6	13.2	3.9	328.8	330.1	0.4	27.2	14.2	34.0	0
33.8	74.5	8525.6	350.0	-26.9	-38.1	254.3	14.1	15.4	4.3	329.8	331.5	0.5	49.8	15.5	38.0	0
35.6	79.8	9043.9	325.0	-33.6	-38.4	254.1	17.0	16.7	3.5	330.3	331.8	0.4	59.2	17.2	43.0	0
37.9	84.0	9603.5	300.0	-37.1	-41.7	251.6	12.0	11.3	3.2	333.0	334.2	0.3	61.5	18.7	45.0	0
40.2	83.6	10200.3	275.0	-41.3	99.9	251.2	16.4	15.4	5.3	335.5	999.9	99.9	999.9	20.6	48.0	0
42.5	93.6	10840.3	10.8	-46.5	99.9	257.7	17.9	17.5	3.8	337.0	999.9	99.9	999.9	22.9	50.0	0
45.1	98.0	11536.4	225.0	-52.8	99.9	265.7	21.4	21.3	1.8	337.6	999.9	99.9	999.9	25.5	54.0	0
47.8	104.7	12289.9	200.0	-58.8	99.9	271.4	10.1	13.1	-0.5	339.6	999.9	99.9	999.9	29.3	58.0	0
50.5	110.8	13106.7	175.0	-65.1	99.9	276.6	31.6	31.5	-1.5	342.5	999.9	99.9	999.9	31.6	62.0	0
53.8	117.7	14029.3	150.0	-73.2	99.9	276.0	34.0	35.7	-3.0	345.8	999.9	99.9	999.9	37.1	68.0	0
57.5	124.5	15698.6	125.0	-73.1	99.9	271.2	22.0	22.6	-0.5	348.6	999.9	99.9	999.9	42.1	72.0	0
62.1	134.0	16427.4	100.0	-71.2	99.9	262.1	8.2	8.2	1.1	349.2	999.9	99.9	999.9	46.5	73.0	0
64.6	142.3	18133.4	75.0	-78.7	99.9	262.9	6.2	5.7	-2.5	349.8	999.9	99.9	999.9	49.2	74.0	0
68.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	0
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME IN 1 SEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
 LAKE CHARLES, LA

 28 APRIL 1975
 215 GMT

157 28.0 0

TIME MIN	CNCT	HEIGHT GPM	PRES IN	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	3.6	5.0	1012.4	23.0	21.2	140.0	6.7	-4.3	5.1	298.2	339.7	15.9	85.0	0.0	0.
0.2	4.7	113.5	1000.0	23.5	21.7	134.9	11.9	-8.5	8.4	298.9	342.4	16.6	89.8	0.4	329.
1.1	6.9	334.8	975.0	21.8	20.5	146.3	12.5	-6.9	10.4	299.2	340.8	15.8	92.7	0.8	324.
1.9	9.3	560.6	950.0	19.9	18.5	162.0	12.7	-3.9	12.1	299.1	337.1	14.3	91.6	1.5	329.
2.8	11.6	791.0	925.0	19.5	13.9	174.5	12.7	-1.2	12.7	300.7	339.0	10.9	70.1	2.1	335.
3.4	14.1	1227.2	900.0	19.3	10.8	181.2	9.7	0.2	9.7	302.6	327.5	9.1	58.1	2.5	339.
4.2	16.4	1794.5	875.0	17.5	15.3	169.5	4.9	1.5	8.8	303.7	337.9	12.7	67.0	2.9	343.
4.9	19.0	1517.2	850.0	15.6	13.9	155.0	8.1	2.1	7.8	304.1	336.2	11.6	89.2	3.2	346.
5.7	21.5	1770.9	825.0	14.6	7.9	201.4	10.4	3.8	9.7	305.2	328.3	8.3	65.3	3.6	350.
6.5	24.1	2006.7	800.0	14.0	-4.1	172.3	12.2	2.6	11.9	306.5	316.9	3.5	28.2	4.1	354.
7.5	26.7	2297.6	775.0	12.8	-11.9	180.7	13.6	2.1	13.5	307.8	314.0	2.0	17.2	4.8	356.
8.3	29.4	2571.6	750.0	11.5	-19.9	149.7	13.6	2.3	13.4	309.2	312.9	1.1	9.3	5.5	358.
9.3	32.2	2853.9	725.0	10.4	-35.9	149.1	14.8	2.3	14.6	310.9	311.4	0.3	2.4	6.3	359.
10.2	35.0	3146.1	700.0	12.3	-42.4	140.5	16.2	3.0	15.9	316.1	316.6	0.1	1.0	7.1	0.
11.3	37.8	3449.2	675.0	10.1	-36.3	188.2	16.6	2.4	16.4	317.0	317.8	0.2	2.2	8.2	2.
12.3	43.6	3781.2	650.0	7.8	-25.7	189.3	15.8	2.5	15.6	317.8	320.3	0.6	7.5	9.3	2.
13.5	43.6	4092.8	625.0	5.6	-23.3	194.1	15.1	4.9	14.3	319.0	322.1	0.9	10.2	10.3	3.
14.6	46.7	4415.1	600.0	4.2	-47.4	219.6	11.8	7.5	9.1	320.9	321.3	0.1	1.0	11.2	5.
15.7	49.9	4759.3	575.0	1.3	-29.1	243.2	9.8	8.7	4.4	321.6	323.6	0.6	6.1	11.6	8.
17.1	53.0	5114.8	550.0	-2.0	-23.4	243.7	9.8	8.8	4.3	321.8	325.3	1.0	17.5	12.0	11.
18.3	56.0	5482.2	525.0	-5.1	-22.7	241.9	7.9	7.0	3.7	322.4	326.3	1.2	23.6	12.5	14.
19.6	59.6	5863.0	500.0	-8.6	-25.5	237.2	6.8	5.7	3.7	322.6	325.8	1.0	24.0	12.8	15.
21.0	63.1	6258.2	475.0	-11.9	-32.4	227.2	9.6	7.0	6.5	323.2	325.1	0.5	16.3	13.4	17.
22.4	66.6	6670.1	450.0	-14.3	-46.4	231.7	12.7	9.9	7.9	325.2	325.9	0.1	5.2	14.2	19.
23.8	70.3	7100.9	425.0	-17.6	-41.2	240.3	14.3	12.4	7.1	326.3	327.2	0.2	10.7	15.2	22.
25.6	74.0	7551.4	400.0	-20.7	-40.9	237.3	15.1	12.7	8.2	328.0	329.0	0.3	14.3	16.4	25.
27.5	78.2	8024.4	375.0	-24.9	-40.0	237.1	15.4	13.2	8.6	328.6	329.8	0.3	22.8	17.8	28.
29.6	82.2	8523.1	350.0	-28.2	-44.0	234.9	17.5	14.4	10.1	330.6	331.4	0.2	20.3	19.8	31.
31.8	86.3	9050.5	325.0	-32.0	-44.1	240.4	18.4	16.0	9.1	332.5	333.4	0.2	24.6	21.9	34.
34.2	91.0	9610.7	300.0	-36.2	-49.3	246.0	19.6	17.9	8.0	334.3	334.8	0.1	24.3	24.3	37.
36.5	95.7	10208.3	275.0	-40.9	99.9	252.8	20.1	19.2	5.9	336.0	999.9	99.9	999.9	26.7	40.
38.9	100.5	10849.5	250.0	-46.3	99.9	251.6	21.2	20.2	6.7	337.2	999.9	99.9	999.9	29.3	43.
41.9	105.8	11541.1	225.0	-51.5	99.9	259.3	19.5	19.2	7.6	337.7	999.9	99.9	999.9	32.4	46.
45.0	111.4	12246.4	200.0	-56.7	99.9	261.3	30.0	29.7	4.6	342.9	999.9	99.9	999.9	36.2	51.
48.1	117.3	13131.0	175.0	-62.7	99.9	270.5	36.0	35.8	-4.1	346.4	999.9	99.9	999.9	41.2	56.
52.3	123.8	14062.9	150.0	-70.0	99.9	273.4	44.9	44.8	-2.6	349.5	999.9	99.9	999.9	53.0	64.
56.7	130.5	15137.9	125.0	-71.2	99.9	264.9	20.7	20.7	1.9	366.0	999.9	99.9	999.9	59.1	67.
62.7	137.7	16449.4	100.0	-72.5	99.9	251.7	12.7	12.0	4.0	367.7	999.9	99.9	999.9	64.6	68.
71.2	144.7	18154.5	75.0	-69.7	99.9	243.5	9.4	8.4	4.2	426.5	999.9	99.9	999.9	69.3	68.
83.4	152.0	20609.3	50.0	-63.3	99.9	56.5	9.8	-8.2	-5.4	494.3	999.9	99.9	999.9	88.6	68.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 250
BROWNSVILLE, TX
28 APRIL 1975
215 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRFS MB	T MP C	DEW PT C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	DOT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.3	7.0	1007.2	25.0	22.3	160.0	9.3	-3.2	8.7	259.9	344.8	17.1	85.0	3.0	0.
0.3	5.0	70.3	1000.0	24.7	23.2	139.3	14.5	-9.5	11.0	300.3	348.2	16.3	91.6	0.3	366.
1.1	6.6	293.1	975.0	23.1	22.7	153.1	16.2	-7.3	14.4	301.9	349.7	16.2	97.7	0.8	333.
1.9	8.6	520.5	950.0	22.2	21.6	162.3	16.1	-4.9	15.1	302.0	347.9	17.4	96.4	1.7	336.
2.7	10.5	753.7	925.0	22.9	17.8	164.6	13.7	-3.6	13.2	304.7	342.6	14.1	71.6	2.4	338.
3.6	12.4	993.6	900.0	23.9	15.5	168.4	14.5	-2.0	14.2	307.8	342.0	12.4	59.3	3.1	340.
4.5	14.5	1240.0	875.0	22.4	14.9	167.9	15.4	-3.2	15.1	308.8	342.7	12.3	62.3	2.9	342.
5.5	16.4	1451.8	850.0	20.2	13.6	170.7	15.1	-2.5	14.9	308.9	341.4	11.7	64.5	4.8	343.
6.4	18.5	1749.3	825.0	18.6	9.5	173.5	14.7	-1.7	14.6	309.7	335.5	9.1	55.0	5.6	345.
7.3	20.6	2012.9	800.0	17.1	5.5	164.4	12.2	0.9	12.2	310.4	330.9	7.1	48.5	6.4	346.
8.3	22.7	2283.1	775.0	15.3	4.7	191.8	8.4	2.3	8.1	311.7	331.8	7.0	47.9	6.8	348.
9.2	25.0	2560.9	750.0	15.1	-5.2	192.3	5.6	1.7	5.3	313.4	323.9	3.5	24.1	7.2	350.
10.8	27.2	2847.9	725.0	14.9	-12.2	200.8	4.2	1.5	3.9	316.1	322.6	2.1	14.2	7.4	351.
11.2	29.5	3143.4	700.0	13.0	-7.9	221.1	3.9	2.6	2.9	317.2	325.2	2.4	19.3	7.7	352.
12.4	31.9	3447.4	675.0	10.5	-3.8	260.4	3.4	3.4	0.1	317.9	331.0	4.3	36.6	7.7	354.
13.5	34.4	3740.5	650.0	9.1	-4.7	303.9	2.9	2.3	-1.6	318.7	331.4	4.2	40.2	7.5	355.
14.6	36.7	4083.0	625.0	5.4	-2.7	279.5	2.2	2.2	-0.4	319.2	334.5	5.0	55.9	7.5	356.
15.8	39.3	4415.2	600.0	2.8	-1.3	252.6	4.4	4.4	0.6	319.8	332.1	4.0	51.3	7.5	358.
17.0	41.8	4757.9	575.0	-0.3	-10.2	258.6	5.7	5.6	3.1	319.5	326.3	2.0	30.8	7.6	1.
18.3	44.5	5111.8	550.0	-2.8	-31.5	241.2	6.1	6.3	3.3	320.8	322.5	0.5	6.7	7.7	4.
19.6	47.3	5478.6	525.0	-5.5	-33.0	230.6	9.1	7.0	5.8	321.9	323.5	0.4	9.2	8.2	7.
20.9	50.2	5856.4	500.0	-9.2	-33.7	229.2	9.4	7.1	6.1	323.0	324.5	0.4	10.7	8.7	11.
22.1	52.9	6254.6	475.0	-12.1	-21.7	223.0	8.7	5.9	6.3	323.1	327.9	1.5	46.2	9.3	13.
23.4	55.9	6666.3	450.0	-14.9	-24.5	220.8	10.3	6.7	7.8	324.5	327.3	0.8	30.3	9.9	15.
24.9	59.0	7096.4	425.0	-17.7	-36.3	225.9	11.2	8.9	7.8	326.3	327.7	0.4	17.7	10.3	17.
26.4	62.4	7547.1	400.0	-21.4	-45.1	225.7	11.4	8.2	8.0	327.1	327.8	0.2	9.7	11.7	20.
28.1	65.7	8020.6	375.0	-24.0	-45.7	224.5	14.1	10.6	9.3	329.8	330.4	0.2	11.4	12.8	22.
29.8	69.3	8520.7	350.0	-27.5	-44.9	234.6	17.1	14.0	9.9	331.6	332.3	0.2	17.8	14.2	23.
31.5	72.9	9049.3	325.0	-31.6	-47.6	217.6	20.9	17.6	11.2	333.1	333.7	0.2	14.8	16.0	29.
33.4	76.8	9611.2	300.0	-35.5	-45.3	241.3	23.1	20.3	11.1	335.3	336.1	0.2	35.3	18.1	33.
35.4	80.9	10211.1	275.0	-40.1	95.9	241.9	24.3	21.4	11.5	337.1	999.9	99.9	99.9	20.7	37.
37.7	85.3	10844.6	250.0	-45.0	99.9	247.2	26.0	24.8	10.4	339.2	999.9	99.9	99.9	23.7	41.
40.2	89.8	11522.1	225.0	-49.9	99.9	247.3	27.8	26.8	7.5	342.7	999.9	99.9	99.9	27.4	45.
42.8	95.0	12312.0	200.0	-56.0	99.9	256.9	31.1	30.3	7.0	344.1	999.9	99.9	99.9	31.3	50.
45.5	100.4	13146.7	175.0	-63.7	99.9	264.2	33.4	33.2	3.4	344.9	999.9	99.9	99.9	35.9	54.
48.5	106.5	14074.5	150.0	-71.5	99.5	267.7	37.5	37.5	1.5	347.0	999.9	99.9	99.9	41.5	59.
51.8	113.3	15133.7	125.0	-72.6	99.9	256.3	24.1	23.4	5.7	343.6	999.9	99.9	99.9	46.1	61.
56.0	121.3	16447.7	100.0	-74.9	99.9	242.3	15.5	7.2	7.2	343.6	999.9	99.9	99.9	51.1	62.
61.3	131.0	18112.3	75.0	-73.4	99.9	230.0	7.4	5.6	4.7	419.0	999.9	99.9	99.9	55.3	62.
65.5	142.5	20327.5	50.0	-62.2	99.9	61.1	3.8	-3.4	-1.9	496.0	999.9	99.9	99.9	53.7	66.
83.6	155.5	24939.1	25.0	-54.0	99.9	87.1	5.8	-5.8	-0.3	629.6	999.9	99.9	99.9	52.7	60.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEX28 APRIL 1975
215 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP OC C	DEW PT OC C	QIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T OC K	E POT T OC K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	33.0	1004.5	24.8	22.3	160.0	8.2	-2.6	7.7	299.9	344.9	17.2	86.0	0.0	0.0
0.1	4.8	72.6	1000.0	24.2	22.6	159.0	11.9	-5.0	10.7	299.9	345.9	17.6	90.9	0.3	342.0
0.7	6.7	294.9	975.0	22.7	21.9	159.3	14.8	-6.4	13.4	301.3	345.6	17.2	94.9	0.7	337.0
1.3	6.8	521.9	950.0	21.7	20.9	159.5	15.9	-5.6	14.9	301.4	345.6	16.7	95.6	1.3	333.0
2.0	10.9	753.9	925.0	20.3	19.6	167.9	15.9	-3.3	15.6	302.2	344.1	15.7	95.5	1.9	337.0
2.7	13.1	991.0	900.0	19.1	18.3	171.1	14.7	-2.3	14.5	303.2	347.2	15.0	95.4	2.6	340.0
3.6	15.4	1233.1	875.0	17.3	17.1	172.9	14.8	-1.8	14.7	303.8	347.2	15.0	95.4	3.3	343.0
4.4	17.5	1401.6	850.0	18.9	-1.7	171.9	17.3	-2.4	17.1	304.5	348.1	4.0	24.8	4.0	345.0
5.1	20.0	1736.2	825.0	17.0	-0.0	174.7	15.3	-1.4	15.3	307.2	320.7	4.6	31.4	4.8	346.0
5.9	22.2	1598.9	800.0	16.5	-6.7	185.4	15.3	2.5	15.1	309.1	317.8	2.9	19.8	5.5	348.0
6.7	24.7	2258.1	775.0	15.0	-2.7	194.5	10.9	2.7	10.6	310.5	322.9	4.1	29.9	6.1	351.0
7.6	27.0	2545.0	750.0	15.0	-40.7	206.9	7.7	3.5	6.8	312.9	313.4	0.1	1.0	6.4	352.0
8.5	29.5	2831.7	725.0	15.1	-40.7	206.9	9.1	4.5	7.9	316.0	316.6	0.1	1.0	6.8	355.0
9.3	32.1	3126.5	700.0	13.1	-40.8	211.4	9.4	4.9	8.0	317.0	317.6	0.2	1.2	7.2	357.0
10.2	34.8	3430.8	675.0	11.0	-43.2	221.1	7.4	5.1	5.4	318.0	318.4	0.1	1.0	7.6	359.0
11.3	37.4	3743.8	650.0	8.6	-15.5	249.0	8.2	7.6	2.9	318.9	324.5	1.8	16.5	7.8	1.0
12.2	40.1	4056.4	625.0	6.2	-17.1	251.5	11.7	11.1	3.7	319.8	324.9	1.6	16.8	8.0	6.0
13.3	42.8	4399.0	600.0	3.0	-12.9	249.5	12.2	11.4	4.3	319.9	327.5	2.4	30.0	8.4	11.0
14.5	45.8	4741.5	575.0	-0.1	-11.2	239.4	14.3	12.3	7.3	320.2	329.1	2.8	42.8	8.9	15.0
15.6	48.8	5096.3	550.0	-2.8	-11.0	224.9	15.2	11.7	9.8	321.1	330.5	3.0	53.1	9.8	19.0
16.5	51.6	5463.4	525.0	-5.7	-11.2	224.3	14.2	9.9	10.2	321.9	331.7	3.1	65.1	10.5	21.0
17.6	54.8	5843.8	500.0	-9.9	-14.7	224.0	16.3	11.3	11.7	322.5	330.3	2.4	62.9	11.4	23.0
18.8	57.7	6239.3	475.0	-12.1	-13.9	230.8	16.0	12.4	10.1	323.4	332.1	2.7	85.9	12.5	25.0
20.0	61.1	6506.7	450.0	-15.4	-24.6	235.9	18.5	15.3	10.4	324.0	328.1	1.2	48.0	13.5	28.0
21.3	64.6	7080.3	425.0	-19.3	-35.6	234.2	18.6	15.3	11.0	325.5	327.1	0.4	20.2	14.9	30.0
22.6	68.0	7529.7	400.0	-21.8	-31.3	225.6	19.6	14.0	13.7	326.6	329.1	0.7	41.8	16.3	32.0
24.1	71.5	8001.9	375.0	-24.8	-42.4	224.3	18.4	13.3	12.7	328.7	330.2	0.4	28.7	17.9	33.0
25.6	75.3	8493.8	350.0	-28.7	-46.9	224.8	21.2	14.9	15.1	330.0	330.6	0.2	15.4	19.6	34.0
27.3	79.5	9027.0	325.0	-31.9	-70.4	225.6	24.7	18.8	16.0	332.6	332.7	0.0	1.0	21.9	36.0
29.1	83.7	9597.6	300.0	-36.5	-52.1	235.3	25.9	21.3	14.8	333.9	314.3	0.1	20.2	24.5	38.0
30.9	88.0	10185.1	275.0	-40.3	99.9	238.0	29.3	24.9	15.6	336.2	999.9	99.9	999.9	27.6	40.0
32.9	92.8	10627.2	250.0	-45.2	99.9	244.8	24.1	25.4	11.9	338.9	999.9	99.9	999.9	30.7	42.0
35.1	97.6	11524.8	225.0	-49.9	99.9	243.3	32.6	32.1	14.7	342.0	999.9	99.9	999.9	34.7	45.0
37.6	103.0	12384.2	200.0	-55.7	99.9	253.9	38.9	37.4	10.8	344.6	999.9	99.9	999.9	39.4	48.0
40.5	109.0	13120.9	175.0	-62.5	99.9	255.8	46.1	45.4	8.2	346.7	999.9	99.9	999.9	46.2	52.0
43.7	115.5	14056.3	150.0	-69.8	99.9	259.5	48.8	48.0	8.9	348.9	999.9	99.9	999.9	53.5	57.0
46.9	123.0	15132.0	125.0	-70.1	99.9	258.0	29.7	29.1	6.2	348.0	999.9	99.9	999.9	59.9	59.0
51.7	131.5	16452.6	100.0	-73.2	99.9	233.3	21.0	16.8	12.5	346.3	999.9	99.9	999.9	66.2	60.0
56.3	140.7	18137.8	75.0	-70.4	99.9	99.9	99.9	99.9	99.9	423.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

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OF POOR QUALITY

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STATION NO. 260
STEPHENVILLE, TEX

28 APRIL 1975
215 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GW/KG	RM PCT	RANGE AZ KM	DG
00.0	9.8	359.0	561.5	23.9	17.9	180.0	5.2	0.0	5.2	302.2	318.5	13.6	69.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.4	10.8	508.6	950.0	23.7	17.5	181.9	15.3	0.5	15.3	303.0	339.0	13.4	68.4	0.3	359.
1.2	13.2	737.8	925.0	22.4	16.9	184.3	15.7	1.2	15.7	304.1	339.9	13.3	71.1	0.9	1.
2.0	15.5	976.1	900.0	20.3	16.6	192.4	17.9	3.8	17.5	304.2	340.3	13.4	73.5	1.8	4.
2.9	17.9	1215.2	875.0	18.5	16.5	202.8	17.9	6.9	17.5	304.8	341.9	13.7	76.2	2.7	9.
3.8	20.4	1408.4	850.0	17.1	15.1	225.5	16.5	11.8	16.6	305.8	340.8	12.8	87.7	3.5	15.
4.5	22.8	1723.8	825.0	17.4	7.3	248.0	13.9	12.9	5.2	308.0	310.3	7.9	52.0	4.1	22.
5.3	25.3	1966.5	800.0	17.3	-14.5	260.4	11.9	11.6	2.0	308.9	316.1	2.0	13.3	4.4	28.
6.2	27.7	2256.6	775.0	16.5	-25.9	265.8	10.5	10.4	9.8	311.6	313.6	0.4	3.9	4.8	33.
7.1	30.3	2533.8	750.0	14.3	-22.3	262.7	10.0	9.9	1.3	312.2	314.9	0.8	6.3	5.2	37.
8.1	33.1	2818.0	725.0	11.5	-8.8	260.2	9.8	9.6	1.7	312.5	320.8	2.7	23.1	5.7	42.
9.1	35.7	3109.8	700.0	8.8	-4.2	261.4	11.0	10.9	1.6	312.7	324.7	4.0	39.6	6.1	46.
10.2	38.4	3409.4	675.0	6.1	-7.5	257.0	11.3	11.3	2.5	312.9	319.3	1.7	21.3	7.4	51.
11.2	41.1	3717.5	650.0	4.2	-16.0	245.2	11.9	10.8	5.0	313.9	322.7	3.2	36.7	8.4	59.
12.4	44.0	4035.0	625.0	1.8	-10.5	238.9	11.9	9.7	6.4	314.7	320.0	1.7	24.3	8.3	52.
13.5	47.0	4322.0	600.0	-1.3	-16.2	225.9	15.5	11.1	10.8	316.8	320.4	1.8	31.0	9.0	52.
14.5	50.0	4700.1	575.0	-3.0	-25.3	225.5	20.9	14.9	14.7	316.5	319.3	0.4	15.9	10.2	51.
15.6	53.0	5056.5	550.0	-5.3	-28.9	224.7	24.4	17.2	17.3	317.8	320.0	0.6	13.6	11.7	51.
16.9	56.0	5414.5	525.0	-7.4	-33.1	217.2	27.9	14.9	22.2	319.5	321.1	0.4	10.6	13.7	49.
18.1	59.3	5722.2	500.0	-10.5	-31.8	215.1	28.4	16.9	24.0	320.3	322.2	0.5	15.8	15.8	47.
19.4	62.7	6188.7	475.0	-13.7	-35.8	213.8	32.4	18.1	26.9	321.0	322.3	0.4	13.9	18.0	44.
20.8	66.0	6592.8	450.0	-17.2	-38.5	213.2	36.5	20.0	30.6	321.8	328.2	2.0	89.4	21.0	44.
22.1	69.6	7019.6	425.0	-20.2	-49.9	211.7	34.8	18.3	29.7	323.1	999.9	99.9	999.9	23.1	47.
23.5	73.0	7455.8	400.0	-23.5	-47.4	211.5	34.3	15.7	30.1	324.5	999.9	99.9	999.9	26.7	41.
24.9	76.9	7934.7	375.0	-26.9	-27.5	209.9	36.0	17.9	31.2	326.1	999.9	99.9	999.9	29.5	40.
26.4	80.8	8429.1	350.0	-30.4	-31.1	221.9	37.1	24.9	27.6	327.7	330.5	0.8	93.3	32.8	39.
27.9	84.8	8951.5	325.0	-34.5	-35.7	222.0	36.1	24.2	26.8	329.1	331.0	0.6	89.4	35.7	40.
29.6	89.6	9505.6	300.0	-38.5	-41.2	226.1	34.9	25.2	24.2	329.6	330.8	0.3	83.9	39.8	40.
31.4	93.5	10095.0	275.0	-44.3	-49.9	227.6	41.2	30.5	27.8	331.1	999.9	99.9	999.9	44.2	41.
33.6	98.0	10724.9	250.0	-47.5	-49.9	234.6	43.9	35.8	25.4	335.5	999.9	99.9	999.9	49.3	42.
35.9	103.0	11415.5	225.0	-53.7	-49.9	234.2	50.9	41.5	29.6	336.3	999.9	99.9	999.9	54.1	44.
38.6	104.5	12163.0	200.0	-59.6	-49.9	234.5	51.4	44.3	27.1	336.4	999.9	99.9	999.9	62.4	45.
41.8	114.3	12988.2	175.0	-63.2	-49.9	234.0	50.3	44.4	23.6	345.0	999.9	99.9	999.9	71.9	47.
45.7	120.7	13538.0	150.0	-63.6	-49.9	234.5	31.8	25.9	18.5	363.5	999.9	99.9	999.9	81.1	49.
49.1	127.7	15051.1	125.0	-65.3	-49.9	232.0	18.5	14.6	11.4	376.8	999.9	99.9	999.9	85.7	49.
54.6	135.7	16402.4	100.0	-69.0	-49.9	230.8	17.5	13.6	11.1	394.5	999.9	99.9	999.9	92.4	49.
99.9	99.9	99.9	75.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEX

28 APRIL 1975
215 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX PTO GM/KG	RH PCY	RANGE KM	AZ DG
0.0	9.1	314.0	506.1	20.3	16.7	90.0	5.1	-5.1	0.0	306.2	344.7	14.2	56.0	0.0	0.0
90.9	90.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
90.9	90.9	90.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.8	10.8	432.3	950.0	26.3	18.0	113.5	9.3	-4.5	3.7	307.9	347.6	14.5	56.4	0.4	286.0
1.7	13.3	719.1	925.0	26.5	17.4	125.1	10.6	-8.6	6.1	304.3	345.9	13.7	57.5	0.9	293.0
2.4	15.7	900.9	900.0	24.8	16.3	131.4	10.5	-6.5	4.2	304.9	345.0	13.1	59.2	1.4	302.0
3.6	18.2	1207.6	875.0	22.7	14.0	144.1	10.2	-6.0	8.3	304.0	341.5	11.7	58.5	2.0	303.0
4.5	20.7	1450.6	850.0	21.6	9.9	148.5	7.2	-3.1	6.5	310.1	335.7	9.1	47.3	2.5	312.0
5.6	23.2	1713.2	825.0	19.4	10.9	155.6	6.6	0.6	6.6	310.9	339.1	10.0	56.4	2.4	317.0
6.6	25.8	1951.2	800.0	18.4	10.0	165.4	3.4	2.8	1.9	312.0	339.6	9.7	54.3	3.0	323.0
7.6	28.5	2254.7	775.0	17.4	8.3	175.7	2.9	2.8	0.7	312.5	334.9	7.8	51.1	2.9	326.0
8.5	31.3	2573.2	750.0	15.3	4.1	184.1	3.6	3.3	1.3	313.0	332.9	6.9	50.3	2.9	329.0
9.3	34.1	2818.7	725.0	12.7	0.0	194.6	6.0	5.6	2.1	314.1	324.7	5.3	41.8	2.4	336.0
10.4	36.8	3112.2	700.0	10.6	-5.9	204.4	8.5	8.2	2.3	314.7	325.4	3.5	30.9	2.8	342.0
11.5	39.8	3413.4	675.0	7.6	-8.4	214.1	11.1	10.9	1.9	314.6	313.8	3.0	31.1	2.8	355.0
12.6	42.5	3722.9	650.0	5.0	-11.4	224.5	12.7	12.2	3.6	314.9	322.5	2.5	29.4	3.0	361.0
13.8	45.6	4041.3	625.0	2.1	-12.2	234.1	14.4	12.6	6.9	315.1	322.6	2.4	33.8	3.6	373.0
15.1	48.6	4359.3	600.0	-0.4	-14.0	244.1	17.5	13.6	10.9	316.0	322.7	2.2	34.6	4.7	381.0
16.5	51.5	4708.0	575.0	-3.3	-15.4	254.1	18.6	15.0	10.9	316.3	322.6	2.0	38.6	6.2	390.0
17.9	54.7	5057.7	550.0	-6.3	-16.9	264.9	20.1	17.2	10.4	316.8	322.7	1.9	42.8	7.7	400.0
19.1	57.9	5419.9	525.0	-8.9	-23.1	274.6	21.8	19.0	10.7	317.8	321.5	1.1	30.4	9.1	430.0
20.4	61.3	5795.5	500.0	-12.2	-21.2	284.6	23.4	20.2	11.7	318.3	322.9	1.4	47.4	10.7	460.0
21.5	64.7	6185.4	475.0	-15.1	-25.9	294.9	24.4	20.6	12.9	319.3	322.5	1.0	39.3	12.4	480.0
22.7	68.1	6592.4	450.0	-17.2	-30.7	304.6	24.4	20.8	13.2	321.6	322.6	0.3	13.3	14.2	490.0
24.1	71.0	7018.7	425.0	-19.9	-40.7	314.9	26.2	22.7	13.2	323.4	324.3	0.3	13.6	16.2	500.0
25.6	75.5	7466.1	400.0	-22.5	-49.9	324.9	31.3	27.1	15.7	325.8	324.9	0.9	57.5	18.8	520.0
27.1	79.5	7937.0	375.0	-25.8	-59.9	334.6	33.7	26.3	21.0	327.5	330.4	0.8	68.2	21.7	520.0
28.7	83.5	8433.4	350.0	-24.6	-55.4	344.6	34.0	24.3	21.8	329.8	330.6	0.5	54.0	25.0	520.0
30.4	87.6	8957.5	325.0	-31.2	-55.4	354.6	34.3	23.7	24.8	334.4	330.9	0.4	54.8	28.5	510.0
31.3	92.2	9511.0	300.0	-36.6	-59.9	364.6	34.3	26.7	22.1	331.0	304.9	99.9	999.9	32.3	500.0
34.3	96.6	10103.9	275.0	-42.7	-49.9	374.6	39.3	32.4	21.6	333.4	999.9	99.9	999.9	36.5	510.0
36.7	101.4	10742.3	250.0	-46.9	-49.9	384.6	39.9	34.7	19.6	336.3	999.9	99.9	999.9	42.4	520.0
40.3	106.8	11471.4	225.0	-51.8	-49.9	394.6	50.6	42.2	27.9	339.2	999.9	99.9	999.9	48.7	530.0
41.7	112.3	12187.7	200.0	-55.5	-49.9	404.6	53.6	48.7	22.4	344.9	999.9	99.9	999.9	56.4	540.0
44.5	119.0	13020.6	175.0	-62.0	-49.9	414.6	54.5	50.1	21.8	347.6	999.9	99.9	999.9	64.0	560.0
47.3	125.0	13961.6	150.0	-68.6	-49.9	424.6	54.1	45.1	24.7	351.4	999.9	99.9	999.9	75.2	570.0
50.6	132.0	15053.0	125.0	-69.8	-49.9	434.6	32.0	27.1	17.2	368.7	999.9	99.9	999.9	82.1	570.0
54.7	139.7	16378.7	100.0	-69.6	-49.9	444.6	21.0	17.3	11.9	395.1	999.9	99.9	999.9	89.4	580.0
60.2	146.0	18025.5	75.0	-68.0	-49.9	454.6	14.0	6.4	12.5	430.4	999.9	99.9	999.9	93.4	570.0
67.9	157.5	20567.1	50.0	-61.7	-49.9	464.6	2.9	-2.6	0.6	498.1	999.9	99.9	999.9	94.7	570.0
61.5	168.0	24938.3	25.0	-54.3	-49.9	474.6	99.9	99.9	99.9	498.4	999.9	99.9	999.9	999.9	999.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEX28 APRIL 1975
246 GMT

TIME MIN	CNT-T	HEIGHT GTM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	12.3	873.0	510.3	18.2	-9.7	295.0	7.7	7.0	-3.3	299.6	305.5	2.0	14.0	0.0	C.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	13.3	971.0	500.0	20.6	4.1	999.9	99.9	99.9	99.9	303.5	319.7	5.7	33.8	99.9	99.9
1.3	15.5	1213.7	875.0	19.0	2.7	999.9	99.9	99.9	99.9	304.2	319.1	5.3	33.8	99.9	99.9
2.2	17.8	1411.3	850.0	18.5	0.6	249.4	16.0	15.1	-3.3	304.1	317.5	4.7	33.8	99.9	99.9
3.2	20.2	1714.6	825.0	15.6	-0.3	240.1	19.1	14.4	-3.3	315.7	314.8	4.6	33.8	2.8	110.
4.1	22.5	1975.2	800.0	14.4	-1.3	267.2	23.4	21.4	1.1	307.1	319.7	4.3	33.8	3.9	105.
5.1	25.0	2243.2	775.0	14.0	-1.7	260.0	26.2	25.8	4.6	309.4	322.3	4.4	33.8	5.4	90.
6.1	27.3	2514.7	750.0	11.9	-3.5	258.8	27.3	27.8	9.3	310.1	321.7	3.9	33.8	7.0	94.
7.1	29.9	2831.6	725.0	10.3	-5.0	250.5	25.0	23.6	6.3	311.2	322.1	3.6	33.8	8.4	91.
8.1	32.7	3052.1	700.0	7.3	-7.6	247.6	24.8	22.9	9.4	311.0	320.3	3.1	33.8	9.9	88.
9.1	35.3	3150.0	675.0	4.8	-7.9	240.5	23.4	20.4	11.5	311.5	320.9	3.1	39.1	11.2	85.
10.2	38.0	3670.4	650.0	2.2	-8.2	228.1	21.6	18.0	14.3	311.9	321.4	3.2	45.8	12.5	81.
11.2	40.6	4011.9	625.0	-0.7	-10.3	219.8	21.0	13.5	16.1	312.0	320.5	2.9	48.2	13.4	78.
12.3	43.5	4336.4	600.0	-3.3	-11.4	210.1	22.2	11.1	19.2	312.6	320.7	2.7	53.6	14.6	74.
13.6	46.5	4711.7	575.0	-6.1	-13.9	209.8	24.9	12.4	21.6	313.1	320.1	2.3	54.0	15.2	69.
14.8	49.6	5017.8	550.0	-9.4	-16.1	218.0	26.2	16.1	20.6	313.1	319.3	2.0	58.1	17.4	66.
16.0	52.4	5375.3	525.0	-12.6	-18.3	219.1	27.0	17.0	20.9	313.4	318.8	1.7	62.5	19.1	63.
17.4	55.6	5745.6	500.0	-15.9	-22.5	228.2	30.0	21.4	20.0	313.8	317.9	1.3	56.6	21.3	61.
18.9	58.9	6129.8	475.0	-19.2	-31.9	237.2	33.0	27.8	17.9	314.2	316.1	0.6	31.4	24.2	60.
20.5	62.3	6531.3	450.0	-19.8	-34.9	239.1	36.1	30.9	18.5	319.3	319.8	0.4	24.5	27.3	60.
22.0	65.7	6954.1	425.0	-22.1	-36.9	239.9	37.2	31.6	19.2	320.6	321.9	0.4	24.6	30.9	60.
23.6	69.1	7397.1	400.0	-25.1	-39.4	238.1	34.5	29.3	18.2	322.3	323.4	0.3	24.8	34.4	60.
25.7	73.0	7862.5	375.0	-29.1	-42.8	240.3	40.0	34.7	17.8	323.1	323.9	0.2	25.0	39.1	60.
27.8	76.9	8353.3	350.0	-31.8	-45.1	239.1	37.3	31.6	19.7	325.8	326.5	0.2	25.1	44.4	60.
29.7	80.9	8872.2	325.0	-36.1	-48.8	233.6	34.9	24.1	20.7	327.4	327.4	0.1	25.3	48.4	59.
31.6	85.3	9422.3	300.0	-40.9	-50.9	235.7	45.4	37.5	25.6	327.7	327.7	99.9	99.9	52.4	59.
33.7	89.8	10008.8	275.0	-45.1	-54.9	233.9	39.8	37.2	23.5	328.9	328.9	99.9	99.9	57.9	59.
36.3	94.6	10639.4	250.0	-49.3	-59.9	236.4	43.8	36.5	24.2	332.8	332.8	99.9	99.9	65.0	58.
39.1	99.8	11321.4	225.0	-54.7	-64.9	235.8	44.9	37.1	25.3	334.7	334.7	99.9	99.9	71.6	58.
41.8	105.3	12069.6	200.0	-58.6	-69.9	236.2	38.4	31.9	21.4	339.9	339.9	99.9	99.9	80.0	58.
45.1	111.3	12904.4	175.0	-60.8	-74.9	240.8	36.4	45.1	25.2	347.6	347.6	99.9	99.9	89.2	58.
48.8	117.8	13864.4	150.0	-60.4	-79.9	238.2	31.4	26.7	16.5	350.0	350.0	99.9	99.9	98.0	58.
53.1	125.3	14956.2	125.0	-62.0	-84.9	243.9	27.1	24.3	11.9	352.6	352.6	99.9	99.9	107.3	58.
58.0	133.7	16367.7	100.0	-64.9	-89.9	236.4	31.4	27.8	18.5	402.4	402.4	99.9	99.9	115.7	58.
63.6	142.0	18105.0	75.0	-64.4	-94.9	198.7	7.4	2.4	7.0	437.8	437.8	99.9	99.9	120.0	57.
72.7	151.5	20613.8	50.0	-59.7	-99.9	35.7	7.0	-2.1	-5.7	502.9	502.9	99.9	99.9	119.5	57.
86.7	161.0	25015.2	25.0	-53.7	-99.9	151.3	1.6	-0.8	1.4	630.3	630.3	99.9	99.9	117.6	56.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEX28 APRIL 1975
300 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
00	15.0	1133.0	880.1	14.8	-12.4	360.0	7.2	0.0	-7.2	298.9	303.9	1.7	14.0	0.0	0.
05	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
10	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
15	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
20	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
25	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30	15.3	1242.3	875.0	14.5	-12.2	99.9	99.9	99.9	99.9	299.1	304.2	1.7	14.5	99.9	99.9
35	17.2	1496.0	850.0	12.7	-12.3	99.9	99.9	99.9	99.9	299.7	304.9	1.8	16.2	99.9	99.9
40	19.3	1735.3	825.0	10.5	-13.1	99.9	99.9	99.9	99.9	299.9	305.0	1.7	17.6	99.9	99.9
45	21.3	1990.2	800.0	8.2	-14.0	99.9	99.9	99.9	99.9	300.1	305.0	1.6	18.9	99.9	99.9
50	23.5	2251.3	775.0	6.5	-14.4	265.1	16.1	16.1	0.2	301.0	305.9	1.6	20.7	2.8	117.
55	25.7	2519.9	750.0	6.0	-17.0	271.3	17.4	17.4	-0.4	303.2	307.3	1.3	17.2	4.4	105.
60	28.1	2796.9	725.0	5.6	-17.3	278.2	16.5	16.4	-2.4	305.8	310.0	1.4	17.2	5.5	103.
65	30.5	3083.2	700.0	4.3	-18.1	269.9	15.3	15.3	0.0	307.5	311.5	1.3	17.6	6.4	102.
70	32.9	3377.6	675.0	1.9	-19.9	261.2	13.5	13.5	2.4	307.9	311.5	1.2	18.0	7.1	100.
75	35.4	3680.4	650.0	-1.0	-23.9	256.7	15.9	15.5	3.7	308.0	310.7	0.8	15.5	7.8	98.
80	37.8	3961.4	625.0	-3.8	-26.8	255.6	16.7	16.1	4.1	308.2	310.4	0.7	14.8	8.5	96.
85	40.4	4312.1	600.0	-6.4	-29.9	255.1	18.7	18.1	4.8	308.7	310.5	0.5	13.3	9.2	94.
90	42.9	4622.8	575.0	-9.3	-32.1	254.8	19.9	19.2	5.2	309.2	310.7	0.4	13.6	10.1	92.
95	45.6	4965.2	550.0	-11.5	-33.7	265.2	19.3	19.3	1.6	310.5	311.9	0.4	13.8	11.4	91.
100	48.4	5340.7	525.0	-13.1	-35.0	272.5	17.9	17.8	-2.3	312.6	313.9	0.4	13.9	13.0	91.
105	51.1	5711.0	500.0	-15.1	-36.5	277.7	17.7	17.6	-2.4	314.6	315.8	0.3	14.1	14.7	92.
110	54.3	6097.4	475.0	-17.2	-38.1	276.7	19.6	19.5	-2.3	316.7	317.7	0.3	14.2	16.4	93.
115	57.3	6501.0	450.0	-19.7	-40.0	270.1	20.9	20.9	-0.0	318.4	319.3	0.3	14.5	18.0	93.
120	60.6	6922.4	425.0	-23.1	-42.6	259.9	20.8	20.5	3.7	319.3	320.0	0.2	14.7	19.5	92.
125	64.0	7363.3	400.0	-26.1	-44.9	258.6	22.7	21.9	6.0	321.0	321.7	0.2	15.0	21.2	91.
130	67.3	7826.8	375.0	-33.1	-48.1	253.6	24.5	23.5	6.9	321.7	322.2	0.1	15.3	23.3	89.
135	70.9	8314.3	350.0	-33.6	-50.8	253.1	23.6	22.0	6.8	323.4	323.8	0.1	15.6	26.3	87.
140	74.7	8820.6	325.0	-37.7	-54.1	242.3	23.3	20.9	10.3	324.6	324.9	0.1	16.0	28.8	86.
145	78.8	9370.4	300.0	-41.8	-59.9	242.7	27.9	24.8	12.8	326.5	326.9	99.9	99.9	31.3	84.
150	83.0	9959.6	275.0	-46.1	-66.1	241.1	25.0	21.0	12.1	328.5	328.9	99.9	99.9	34.5	82.
155	87.6	10585.0	250.0	-51.7	-72.9	240.0	29.5	25.6	14.8	329.3	329.9	99.9	99.9	38.1	80.
160	92.6	11263.1	225.0	-55.0	-79.9	240.2	34.2	29.7	17.0	334.3	334.9	99.9	99.9	42.4	78.
165	97.8	12003.9	200.0	-59.7	-87.9	235.7	35.5	29.4	20.0	336.2	336.9	99.9	99.9	46.6	76.
170	103.5	12835.3	175.0	-63.6	-96.9	238.8	38.2	33.0	19.2	345.0	345.9	99.9	99.9	51.3	73.
175	110.0	13765.1	150.0	-62.3	-99.9	249.0	31.5	29.4	11.3	352.8	352.8	99.9	99.9	56.3	72.
180	117.0	14915.4	125.0	-59.3	-99.9	242.1	28.0	21.2	11.2	357.6	357.9	99.9	99.9	62.4	71.
185	123.3	16294.2	100.0	-63.0	-99.9	240.5	18.2	15.7	9.0	406.0	406.9	99.9	99.9	78.7	70.
190	135.0	18057.8	75.0	-64.3	-99.9	240.7	9.4	8.2	4.6	438.0	438.9	99.9	99.9	84.3	69.
195	145.0	20566.3	50.0	-59.5	-99.9	93.7	4.6	-4.5	0.3	503.3	503.9	99.9	99.9	84.2	68.
200	156.0	24973.1	25.0	-52.1	-99.9	133.8	2.4	-1.7	1.7	634.9	634.9	99.9	99.9	82.8	68.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 °° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENN

20 APRIL 1975
215 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TCMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GN/KG	RM PCT	RANGE A7 KM	32.0
0.0	5.2	140.0	593.0	22.8	17.0	160.0	3.6	0.0	3.6	284.2	331.1	12.4	70.0	0.0	0.
99.9	99.9	99.9	1000.0	95.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	6.5	341.0	975.0	25.0	18.5	205.2	4.9	4.9	8.7	303.1	340.4	13.9	63.0	0.4	14.
1.6	8.7	569.9	950.0	24.4	16.9	215.8	10.7	6.3	8.7	303.8	338.7	12.9	63.0	0.9	26.
2.4	10.8	803.4	925.0	22.4	15.4	222.0	16.4	7.1	7.6	307.0	336.4	12.0	64.4	1.5	31.
3.3	13.0	1041.4	900.0	20.5	14.7	235.8	9.2	7.6	5.2	304.3	336.4	11.4	69.2	2.0	34.
4.2	15.2	1294.5	875.0	18.3	13.6	243.0	6.7	7.6	3.5	304.3	335.1	11.3	74.3	2.4	41.
5.2	17.4	1532.4	850.0	16.0	10.7	254.1	7.1	7.0	2.0	304.2	330.4	9.4	70.8	2.4	45.
6.2	19.5	1765.2	825.0	14.1	6.8	248.3	7.9	7.2	2.9	304.5	325.6	7.4	61.5	3.3	49.
7.2	22.0	2044.9	800.0	12.6	4.3	248.5	6.9	6.2	3.0	305.4	323.8	6.5	57.0	3.7	51.
8.2	24.5	2310.6	775.0	10.4	4.5	240.7	6.1	5.3	3.0	305.9	325.1	6.6	66.7	4.0	52.
9.1	26.9	2593.2	750.0	8.3	2.3	243.1	6.5	5.8	2.0	306.4	321.6	6.1	66.0	4.4	52.
10.1	29.4	2863.0	725.0	7.3	-2.8	256.7	7.7	7.4	2.0	308.1	320.6	4.3	48.5	4.8	54.
11.0	32.0	3152.0	700.0	7.6	-9.0	263.5	6.2	8.1	0.9	311.2	319.6	2.8	29.7	5.2	56.
12.1	34.8	3450.7	675.0	5.5	-9.9	267.3	8.7	8.6	0.4	312.6	320.6	2.7	71.0	5.7	59.
13.2	37.3	3758.5	650.0	3.7	-11.5	274.4	10.7	10.7	-0.8	313.4	321.0	2.4	32.0	6.2	62.
14.3	40.1	4075.8	625.0	1.9	-12.5	281.3	11.7	11.4	-2.3	315.0	322.3	2.3	33.3	6.9	65.
15.5	42.9	4403.5	600.0	-0.6	-13.6	291.7	12.1	11.3	-4.5	315.7	322.7	2.2	36.7	7.5	70.
16.7	45.9	4742.3	575.0	-3.1	-9.5	296.7	14.3	12.5	-6.3	316.7	320.7	3.3	61.5	8.1	74.
17.9	48.9	5092.9	550.0	-5.7	-9.6	298.7	16.2	14.5	-7.3	317.7	324.1	3.4	74.1	9.0	79.
19.2	51.9	5456.0	525.0	-8.5	-9.1	298.0	16.1	10.0	-8.5	318.6	329.9	3.7	65.7	10.1	84.
20.7	55.1	5832.6	500.0	-11.3	-12.4	293.0	18.5	17.1	-7.2	319.6	324.5	2.9	82.5	11.5	88.
22.1	58.1	6224.4	475.0	-14.4	-17.6	293.0	18.9	17.4	-7.4	320.3	326.9	2.1	78.0	13.0	91.
23.6	61.9	6632.2	450.0	-16.9	-22.1	291.7	17.3	16.0	-6.4	322.1	326.8	1.4	63.8	14.5	94.
25.3	65.4	7059.4	425.0	-20.2	-23.0	289.7	15.7	14.8	-5.3	323.1	327.8	1.4	78.4	16.1	95.
27.1	69.0	7505.7	400.0	-23.4	-25.1	297.7	13.7	12.1	-6.4	324.6	327.4	0.9	65.1	17.7	97.
28.9	72.7	7974.5	375.0	-27.0	-29.9	293.2	14.6	13.4	-5.7	325.9	324.0	0.8	74.4	19.1	98.
30.8	76.8	8469.4	350.0	-30.0	-35.9	290.7	16.3	14.6	-7.3	328.3	329.6	0.4	41.2	20.4	100.
32.7	81.0	8993.0	325.0	-34.1	-42.4	291.3	16.5	15.4	-6.0	329.6	330.7	0.3	42.1	22.6	101.
34.7	85.5	9547.8	300.0	-34.2	99.9	284.5	17.0	16.4	-4.3	330.1	999.9	99.9	99.9	24.7	101.
37.0	90.2	10137.6	275.0	-43.8	99.9	283.3	17.2	16.2	-5.7	331.8	999.9	99.9	99.9	27.1	102.
39.5	95.3	10769.2	250.0	-49.8	97.9	286.7	19.7	17.1	-5.9	332.1	999.9	99.9	99.9	29.6	102.
42.1	100.6	11449.2	225.0	-54.0	99.9	286.7	24.4	23.5	-6.6	332.7	999.9	99.9	99.9	33.0	103.
45.0	106.5	12147.3	200.0	-62.3	99.9	282.7	28.4	26.2	-11.0	334.1	999.9	99.9	99.9	37.7	104.
48.5	113.6	12908.4	175.0	-69.0	99.9	285.6	32.2	31.0	-8.6	336.2	999.9	99.9	99.9	43.8	105.
52.1	120.0	13911.7	150.0	-68.5	99.9	294.6	23.4	20.5	-11.2	332.1	999.9	99.9	99.9	50.1	105.
57.0	128.0	15008.6	125.0	-66.5	99.9	304.6	22.7	18.7	-12.9	334.7	999.9	99.9	99.9	56.6	107.
62.3	136.7	16369.7	100.0	-67.3	99.9	331.0	15.0	7.5	-13.6	337.6	999.9	99.9	99.9	61.3	110.
65.0	145.0	18090.8	75.0	-64.7	99.9	351.5	9.2	1.2	-8.1	437.3	999.9	99.9	99.9	64.5	112.
81.2	155.0	20601.2	50.0	-66.2	99.9	69.4	9.7	-9.1	-3.4	501.6	999.9	99.9	99.9	61.1	116.
96.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEX28 APRIL 1978
215 GMT

TIME MIN	CNTCT	HEIGHT GCM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PDY T DG K	E POT Y DG K	MX WTC CM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.8	1095.0	884.6	13.2	-12.0	270.0	9.3	9.3	0.0	296.8	301.9	1.7	16.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KAN28 APRIL 1975
215 GMT

181 35. 0

TIME MIN	CMCT	HEIGHT CM	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX STD CM/KG	RM PCY	RANGE KM	AZ DEG
0.0	4.8	268.0	571.4	21.7	19.4	150.0	6.2	-3.1	5.4	299.3	338.3	14.8	87.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.7	4.7	451.7	950.0	22.0	16.7	163.2	18.2	-5.3	17.5	301.2	335.2	12.7	72.1	0.5	333.
1.4	10.8	654.0	925.0	21.6	15.3	170.3	18.5	-3.1	18.2	303.0	335.3	11.9	67.3	1.2	342.
2.2	13.1	931.5	900.0	19.7	14.2	174.1	22.6	-2.3	22.5	303.4	335.4	11.4	70.6	2.2	348.
3.0	15.4	1174.0	875.0	17.5	13.4	180.3	23.5	0.1	23.5	303.4	335.7	11.1	77.0	3.2	350.
3.8	17.6	1421.8	850.0	16.2	12.3	188.6	25.2	3.7	24.9	304.6	335.8	10.7	77.5	4.4	354.
4.5	20.1	1675.3	825.0	13.8	10.9	193.7	24.7	5.9	24.0	304.6	335.8	10.0	82.5	5.5	357.
5.3	22.4	1934.5	800.0	11.5	10.0	196.0	26.1	7.2	25.1	304.7	335.4	9.7	90.9	6.6	0.
6.0	24.9	2199.4	775.0	9.2	7.2	200.7	30.2	10.7	28.3	304.8	327.7	8.3	97.3	7.7	3.
6.7	27.2	2472.3	750.0	10.8	0.0	204.2	31.3	12.8	28.5	309.0	327.8	5.1	47.2	8.9	6.
7.4	29.8	2754.5	725.0	9.9	-3.3	205.3	32.3	13.8	29.3	310.2	323.1	4.2	39.4	10.5	9.
8.6	32.5	3045.0	700.0	7.9	-6.2	206.7	29.4	14.1	25.8	311.6	322.0	3.4	36.2	12.5	12.
9.8	35.2	3343.7	675.0	5.5	-4.9	209.9	28.5	14.2	24.7	312.3	322.3	3.0	46.8	14.3	14.
10.7	37.8	3650.2	650.0	2.6	-5.6	207.9	28.4	13.3	25.1	312.4	324.1	3.9	54.6	15.9	16.
11.6	40.5	3966.4	625.0	-0.7	-5.9	207.3	28.1	12.9	25.0	312.2	324.0	4.0	68.2	17.4	17.
12.9	43.4	4291.8	600.0	-2.7	-6.4	211.9	30.6	16.2	26.0	313.5	325.3	3.9	75.2	19.7	18.
14.0	46.4	4628.0	575.0	-5.5	-7.4	204.5	27.5	13.5	24.0	314.0	325.5	3.8	86.9	21.6	20.
14.9	49.5	4975.8	550.0	-7.9	-9.3	204.1	29.0	11.1	26.5	315.2	325.7	3.4	89.4	23.0	20.
15.9	52.4	5336.1	525.0	-10.5	-11.2	203.6	28.7	11.1	26.3	316.2	325.7	3.1	94.5	24.8	20.
17.2	55.4	5710.8	500.0	-12.5	-13.2	204.0	27.9	11.1	25.5	316.1	326.8	2.8	94.6	26.4	20.
18.6	58.7	6101.2	475.0	-14.8	-16.4	205.8	26.9	11.1	24.2	319.9	327.0	2.2	87.7	28.3	21.
20.0	62.1	6509.0	450.0	-16.9	-20.9	200.3	23.4	6.1	21.9	322.1	327.3	1.4	71.2	31.4	21.
21.4	65.4	6936.1	425.0	-19.9	-24.0	196.1	23.6	6.5	22.6	323.6	327.9	1.3	69.6	33.2	21.
23.0	69.2	7363.1	400.0	-23.1	-28.0	192.1	22.8	4.8	22.3	325.0	328.2	0.9	62.8	35.4	20.
24.7	72.6	7833.5	375.0	-26.2	-33.0	200.1	24.6	8.5	23.1	326.9	329.1	0.6	52.3	37.8	20.
26.4	76.8	8348.4	350.0	-30.5	-34.9	204.8	23.5	9.9	21.3	327.6	329.6	0.6	65.4	40.5	20.
28.4	80.6	8870.7	325.0	-34.7	-40.9	203.7	25.9	10.4	23.7	328.8	330.0	0.3	53.8	43.3	21.
30.4	84.8	9424.9	300.0	-39.0	-49.9	201.8	26.1	9.7	24.2	330.5	330.9	0.9	99.9	46.5	21.
32.4	89.2	10018.1	275.0	-43.3	-59.9	194.2	30.4	7.5	29.4	332.5	330.9	99.9	99.9	49.4	21.
34.6	94.2	10649.9	250.0	-48.9	-69.9	196.0	35.2	9.7	33.6	333.3	330.9	99.9	99.9	53.7	20.
37.1	99.2	11333.9	225.0	-54.7	-79.9	199.7	37.9	12.8	35.6	334.8	330.9	99.9	99.9	59.4	20.
39.8	104.5	12076.6	200.0	-61.1	-89.9	201.6	40.5	17.5	36.5	336.0	330.9	99.9	99.9	65.6	20.
42.8	110.8	12903.1	175.0	-62.8	-99.9	199.9	23.9	11.8	20.5	346.3	330.9	99.9	99.9	71.6	21.
45.4	116.8	13866.7	150.0	-64.6	-99.9	222.4	20.8	14.0	15.4	358.8	330.9	99.9	99.9	76.6	21.
48.2	124.3	14906.4	125.0	-62.2	-99.9	215.2	18.4	10.6	15.0	382.3	330.9	99.9	99.9	79.8	22.
50.1	132.3	15337.1	100.0	-65.2	-99.9	211.4	17.4	9.1	14.8	401.8	330.9	99.9	99.9	82.8	23.
52.1	141.0	16094.1	75.0	-64.9	-99.9	191.1	22.1	-7.2	-20.9	436.8	330.9	99.9	99.9	85.3	24.
54.9	150.0	20682.1	50.0	-62.2	-99.9	99.0	9.4	-9.3	1.5	497.0	330.9	99.9	99.9	84.1	22.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER

20 APRIL 1975
215 GMT

132 133. 0

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MR AVG GM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.9	140.0	596.8	21.5	19.2	306.0	0.0	0.0	0.0	296.8	334.0	14.3	87.0	0.0	0.
0.9	9.9	99.9	1070.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	7.8	374.5	575.0	25.0	17.4	234.5	2.4	1.2	2.1	302.1	336.7	12.9	62.7	0.1	7.
1.7	2.9	621.3	500.0	23.2	16.0	214.0	4.5	2.4	5.4	302.4	335.2	12.2	64.0	0.5	19.
2.5	12.0	514.5	525.0	23.4	14.3	214.3	6.9	4.4	5.3	302.1	332.3	11.0	56.3	0.8	22.
3.4	14.2	1071.2	500.0	18.7	13.7	224.2	6.1	5.6	5.6	302.3	332.1	11.0	72.4	1.2	32.
4.3	16.3	1311.0	475.0	16.8	13.5	223.1	7.8	5.3	5.7	302.7	333.0	11.2	80.9	1.7	35.
5.2	19.6	1533.8	450.0	14.4	13.4	222.5	8.9	5.9	6.4	302.8	333.7	11.4	91.3	2.1	36.
6.1	20.8	1811.4	425.0	12.1	11.6	218.9	9.0	5.0	6.2	302.8	331.2	10.5	96.7	2.6	37.
7.1	23.2	2006.3	425.0	10.0	8.8	211.9	10.7	5.6	9.1	333.0	327.6	9.0	92.6	3.1	37.
8.1	25.6	2325.7	425.0	9.4	7.9	217.2	10.6	6.4	9.4	334.8	323.2	6.6	68.4	7.9	36.
9.1	24.1	2635.4	425.0	8.4	-3.9	224.0	9.4	6.7	6.5	306.2	317.4	3.4	41.8	4.4	37.
10.1	32.6	2835.6	425.0	3.5	-11.0	231.0	7.5	5.4	4.7	307.1	316.1	2.3	23.9	4.7	36.
11.1	33.3	3175.3	425.0	7.7	-11.6	231.0	5.9	5.0	1.9	311.2	315.9	1.5	15.9	5.3	40.
12.4	35.8	3475.8	425.0	5.4	-15.4	221.5	6.1	6.1	-0.2	311.9	317.3	1.7	20.6	5.6	43.
13.5	33.5	3750.6	450.0	2.9	-14.0	209.9	6.5	6.2	-2.1	312.4	316.9	1.4	19.7	5.8	46.
14.6	41.1	4056.5	425.0	0.6	-19.0	209.4	7.2	6.2	-3.5	313.3	317.7	1.4	21.3	6.0	50.
15.9	48.0	4422.4	400.0	-2.0	-18.2	305.0	10.9	6.2	-5.7	314.0	318.8	1.5	27.6	6.2	56.
17.1	47.0	4732.7	475.0	-4.4	-12.2	273.4	10.6	4.9	-5.8	315.2	323.3	2.8	54.1	6.5	62.
18.3	50.0	5126.6	500.0	-7.2	-10.8	304.1	10.9	5.1	-5.1	315.9	325.3	3.1	75.8	7.0	64.
19.5	52.9	5470.1	525.0	-9.5	-14.2	293.4	10.6	9.6	-4.5	317.3	324.3	2.2	63.1	7.5	73.
20.9	56.0	5845.1	525.0	-11.9	-21.2	280.7	12.1	11.3	-4.3	316.7	323.2	1.4	45.7	8.1	76.
22.3	54.3	6220.2	475.0	-14.2	-15.5	297.7	14.5	12.6	-6.7	320.5	326.1	1.7	64.2	9.1	81.
23.7	62.7	6644.7	450.0	-16.7	-45.4	299.4	13.4	11.7	-6.6	322.2	322.8	0.1	6.2	10.1	85.
25.4	66.1	7071.6	425.0	-19.8	-33.7	302.8	12.9	10.8	-7.0	323.7	325.5	0.5	27.6	11.2	89.
26.9	69.9	7518.3	400.0	-23.5	-37.7	302.6	11.1	9.3	-8.0	324.4	326.4	0.5	38.3	12.2	92.
28.6	73.6	7987.8	375.0	-26.6	-35.9	301.3	6.5	7.3	-4.4	324.3	328.0	0.5	40.8	12.9	94.
30.5	77.7	8492.4	350.0	-30.1	-40.9	302.6	11.7	9.2	-6.3	324.1	329.2	0.3	33.7	13.9	96.
32.4	81.8	9035.6	325.0	-34.4	-46.5	294.6	8.4	7.4	-6.0	329.0	329.6	0.2	28.3	14.9	98.
34.5	86.0	9595.7	300.0	-39.4	-50.1	284.9	11.7	11.3	-3.0	329.8	330.2	0.1	30.7	15.1	99.
36.9	90.8	10150.7	275.0	-43.4	99.9	283.3	16.3	15.9	-3.4	332.3	999.9	99.9	99.9	17.9	100.
38.7	95.8	10722.9	250.0	-49.6	99.9	286.0	18.9	18.2	-5.2	331.3	999.9	99.9	99.9	23.2	101.
41.0	101.2	11432.7	225.0	-58.0	99.9	290.2	19.3	17.8	-6.9	332.7	999.9	99.9	99.9	22.7	101.
43.4	107.3	12201.3	200.0	-62.1	99.9	291.5	20.9	19.5	-7.7	334.4	999.9	99.9	99.9	25.7	102.
46.1	113.5	13014.1	175.0	-65.0	97.0	298.7	28.8	25.2	-13.6	337.7	999.9	99.9	99.9	29.4	104.
48.9	120.7	13924.6	150.0	-74.2	94.9	290.3	31.9	24.9	-17.7	342.2	999.9	99.9	99.9	34.9	105.
52.3	128.7	15066.6	125.0	-70.6	99.9	302.7	19.6	16.5	-10.6	367.2	999.9	99.9	99.9	39.5	107.
56.9	56.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
59.9	97.0	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
96.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 17 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 22002
PT. SILL, OHLA

20 APRIL 1975
330 GMT

TIME MM	CNTCT	HEIGHT GPM	PHES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX PTD GAW/KG	PM PCT	RANGE KM	AZ DG
00	00	362.0	966.1	17.7	13.0	30.0	2.1	-1.0	-1.0	295.0	320.9	9.0	74.0	0.0	0.0
00	00	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00	00	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05	10.1	506.3	950.0	19.9	7.3	304.4	15.3	12.4	-0.5	298.4	317.9	7.2	46.7	0.4	118.0
10	12.3	735.7	925.0	19.1	-8.4	308.6	15.3	11.9	-0.5	299.2	305.6	2.2	14.6	1.0	123.0
20	14.5	969.9	900.0	17.4	-10.8	307.7	17.6	13.9	-10.9	299.7	305.2	1.9	13.5	1.0	126.0
20	16.7	1209.0	875.0	15.5	-15.4	300.9	16.2	13.0	-8.3	303.0	304.0	1.3	10.5	2.6	126.0
30	18.2	1453.0	850.0	14.4	-16.1	285.9	11.1	10.7	-3.1	301.4	305.4	1.3	10.6	3.4	127.0
40	21.4	1704.9	825.0	13.0	-17.1	262.7	9.6	9.6	1.2	302.4	306.2	1.2	10.7	4.0	119.0
50	23.9	1962.2	800.0	11.5	-18.1	244.9	8.4	7.6	3.6	303.7	307.1	1.1	10.8	4.4	118.0
60	26.2	2226.4	775.0	10.0	-19.1	233.8	12.0	10.4	7.6	304.7	308.1	1.1	11.0	4.6	108.0
70	28.8	2497.4	750.0	7.6	-20.7	216.8	18.1	15.1	9.0	305.0	308.0	1.0	11.2	5.2	101.0
80	31.4	2775.8	725.0	6.3	-14.3	232.1	22.3	17.6	13.7	306.6	312.0	1.7	21.1	6.1	93.0
90	34.1	3062.6	700.0	5.8	-15.3	222.9	25.6	17.4	18.8	309.1	314.2	1.7	20.2	7.3	84.0
100	36.7	3350.4	675.0	3.1	-18.2	220.2	27.3	17.6	20.9	309.3	314.2	1.6	22.5	8.7	70.0
110	39.5	3643.3	650.0	1.3	-12.7	218.5	28.7	17.7	22.3	310.7	317.5	2.2	34.2	10.1	70.0
120	42.2	3977.3	625.0	-1.8	-14.6	220.6	30.9	20.1	23.5	313.6	316.7	2.0	36.7	11.9	65.0
130	45.1	4300.4	600.0	-4.6	-20.4	224.2	32.6	23.2	22.2	310.9	314.9	1.3	27.9	14.2	61.0
140	48.1	4633.6	575.0	-7.6	-24.4	230.9	34.6	28.4	23.1	311.1	314.1	0.9	24.6	17.6	59.0
150	51.0	4978.2	550.0	-9.5	-25.3	220.7	23.3	15.2	17.7	313.9	314.1	0.0	1.0	21.9	57.0
160	54.1	5318.1	525.0	-10.5	-26.0	213.1	23.4	12.8	19.6	315.2	315.9	0.0	1.0	23.6	55.0
170	57.1	5712.0	500.0	-12.7	-28.0	210.9	24.3	12.5	20.8	317.5	317.6	0.0	1.0	25.4	54.0
180	60.5	6101.5	475.0	-15.1	-33.7	210.3	23.7	12.0	20.5	319.2	319.3	0.0	1.0	27.1	52.0
190	64.0	6507.4	450.0	-14.1	-34.7	210.5	22.6	11.5	19.5	320.5	320.6	0.0	1.4	29.1	51.0
200	67.3	6932.1	425.0	-20.8	-39.0	212.4	24.3	13.0	20.5	322.3	322.4	0.0	1.7	31.0	49.0
210	70.8	7378.0	400.0	-22.9	-39.5	215.0	22.0	12.6	18.1	324.2	325.3	0.0	1.9	33.1	49.0
220	74.6	7847.8	375.0	-26.6	-40.7	209.6	24.1	12.0	21.1	324.4	326.5	0.0	2.3	35.3	47.0
230	78.7	8342.1	350.0	-30.4	-42.2	208.9	25.3	12.2	22.1	327.7	327.8	0.0	2.8	37.6	46.0
240	82.5	8844.1	325.0	-34.9	-44.2	200.0	27.1	9.3	25.5	328.5	329.6	0.0	3.2	40.0	45.0
250	86.7	9417.4	300.0	-39.0	-49.9	99.9	99.9	99.9	99.9	332.4	999.9	99.9	999.9	999.9	999.9
260	90.9	99.9	275.0	99.9	99.9	95.0	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
270	95.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
280	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
290	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
300	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
310	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
320	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
330	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
340	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
350	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
360	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

149

Sounding Data

28 April 1975

1200 GMT

STATION NO. 213
WAYCROSS, GA

28 APRIL 1975

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

162 10. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	4.1	44.0	1005.8	18.0	16.7	210.0	1.5	0.7	1.3	291.9	322.6	11.9	92.0	0.0	0.
0.3	4.9	128.3	1000.0	20.7	17.7	349.3	2.9	0.5	-2.9	295.6	329.1	12.9	82.9	0.4	37.
1.1	6.8	348.8	975.0	22.5	16.7	275.1	4.0	4.0	-0.4	299.5	332.3	12.4	69.6	0.5	53.
2.0	8.8	574.9	950.0	21.3	15.0	274.0	6.4	6.4	-0.4	300.3	330.9	11.4	67.3	0.8	66.
2.9	10.9	806.0	925.0	20.0	15.0	277.5	7.3	7.8	-1.0	301.3	332.8	11.7	73.1	1.1	79.
3.9	12.9	1042.2	900.0	18.9	10.5	245.4	9.4	9.4	0.7	302.2	326.5	8.9	58.1	1.6	61.
4.7	15.1	1283.5	875.0	17.0	10.2	257.7	10.8	10.6	2.3	302.7	327.2	9.0	64.1	2.1	81.
5.7	17.2	1530.7	850.0	14.9	10.5	253.1	10.8	10.3	3.1	303.0	328.9	9.4	75.1	2.7	80.
6.5	19.5	1783.3	825.0	13.3	8.0	277.1	10.7	10.4	2.4	303.7	326.4	8.2	70.4	3.2	79.
7.5	21.6	2041.7	800.0	11.5	5.4	256.8	8.2	7.8	1.8	304.4	324.1	7.1	65.9	3.8	79.
8.4	24.0	2306.9	775.0	10.2	6.4	239.5	6.1	5.3	3.1	305.8	327.8	7.9	77.4	4.2	78.
9.5	26.3	2579.7	750.0	8.5	3.6	222.5	5.9	4.0	4.3	306.7	325.4	6.6	71.0	4.5	76.
10.5	28.8	2859.5	725.0	6.6	3.8	227.5	6.5	4.8	4.4	307.6	327.4	7.0	82.5	4.8	73.
11.7	31.4	3147.4	700.0	4.8	3.6	236.0	5.4	4.5	3.0	308.7	329.0	7.1	92.1	5.2	71.
12.9	34.0	3444.0	675.0	3.9	-0.7	243.1	3.9	3.4	1.8	310.7	326.5	5.4	72.0	5.6	71.
14.1	36.6	3751.2	650.0	4.1	-12.8	284.2	0.6	0.6	-0.2	313.9	321.5	2.3	31.8	5.7	71.
15.2	39.3	4069.3	625.0	2.4	-12.7	19.3	2.7	-0.9	-2.6	315.4	322.6	2.1	31.8	5.7	71.
16.4	41.9	4397.5	600.0	0.2	-13.4	15.7	5.3	-1.4	-5.1	316.7	323.8	2.3	35.1	5.5	74.
17.6	44.9	4737.9	575.0	-1.5	-13.3	348.7	5.4	1.0	-5.2	318.5	326.0	2.4	40.3	5.4	78.
18.8	48.0	5090.3	550.0	-4.2	-16.7	351.6	7.0	1.0	-6.9	319.5	325.3	1.9	37.0	5.4	82.
20.1	50.9	5455.1	525.0	-6.6	-26.9	348.5	8.2	1.6	-8.0	320.6	323.4	0.8	18.4	5.4	89.
21.7	54.3	5834.1	500.0	-9.8	-22.9	348.7	7.3	1.4	-7.1	321.2	325.2	1.2	31.4	5.6	96.
23.2	57.4	6227.4	475.0	-13.1	-25.1	352.7	6.1	0.8	-6.1	321.9	325.4	1.1	36.0	5.4	102.
24.7	61.0	6636.9	450.0	-16.3	-24.3	331.5	6.1	2.9	-5.3	322.9	326.8	1.2	49.7	6.1	107.
26.3	64.7	7065.2	425.0	-18.7	-32.6	295.0	7.2	6.5	-3.1	325.0	327.0	0.6	28.1	6.6	109.
27.8	68.3	7514.5	400.0	-22.4	-29.6	282.2	10.0	9.6	-2.1	326.0	328.8	0.8	51.4	7.4	109.
29.5	72.0	7984.9	375.0	-26.1	-31.1	282.4	10.1	9.9	-2.2	327.0	329.7	0.7	62.3	8.5	107.
31.7	76.2	8480.5	350.0	-30.1	-38.5	297.8	13.2	11.7	-6.2	328.1	329.5	0.4	43.4	9.9	108.
33.6	80.6	9004.5	325.0	-33.8	-38.7	312.9	17.3	12.7	-11.8	330.0	331.5	0.4	61.2	11.7	110.
35.7	85.2	9560.3	300.0	-38.4	99.9	323.8	18.6	11.0	-15.0	331.2	999.9	99.9	99.9	13.7	115.
38.0	89.8	10153.8	275.0	-42.3	99.9	326.9	17.6	9.6	-14.7	334.0	999.9	99.9	99.9	15.9	120.
40.5	95.2	10791.9	250.0	-47.1	99.9	320.3	19.5	12.5	-15.0	336.1	999.9	99.9	99.9	18.5	123.
43.1	100.5	11491.3	225.0	-52.7	99.9	313.7	23.6	17.1	-16.3	337.7	999.9	99.9	99.9	21.8	125.
46.0	106.5	12231.0	200.0	-58.7	99.9	313.9	23.4	16.9	-16.2	339.8	999.9	99.9	99.9	26.0	127.
49.2	112.8	13057.4	175.0	-65.1	99.9	315.1	32.1	22.7	-22.8	342.5	999.9	99.9	99.9	31.2	128.
52.6	119.7	13982.3	150.0	-71.4	99.9	310.5	35.6	27.1	-23.1	348.9	999.9	99.9	99.9	34.1	128.
56.7	127.3	15073.8	125.0	-68.3	99.9	316.8	23.8	16.3	-17.3	371.4	999.9	99.9	99.9	44.7	130.
61.2	135.3	16415.8	100.0	-70.9	99.9	313.8	14.9	10.8	-10.3	390.8	999.9	99.9	99.9	50.5	131.
67.4	143.3	18133.1	75.0	-68.3	99.9	319.7	9.4	6.1	-7.1	429.8	999.9	99.9	99.9	55.6	131.
75.5	151.5	20213.3	50.0	-60.3	99.9	331.0	3.2	1.5	-2.8	501.7	999.9	99.9	99.9	58.7	133.
88.0	160.0	25029.8	25.0	-51.2	99.9	27.7	7.7	-3.6	-6.8	637.3	999.9	99.9	99.9	58.8	134.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

151

STATION NO. 226
CENTERVILLE, ALA

28 APRIL 1975
1315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX PTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	6.3	140.0	997.7	16.8	16.2	230.0	2.6	2.0	1.7	291.7	321.8	11.7	95.0	3.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	8.5	338.0	975.0	21.5	14.8	243.0	3.1	2.8	1.4	298.3	327.5	11.0	66.3	0.5	56.
1.9	10.8	564.0	950.0	21.4	11.7	273.6	10.7	8.3	6.8	300.2	328.9	9.1	43.7	0.9	55.
2.8	13.3	795.1	925.0	20.0	11.0	221.3	11.7	8.0	8.0	301.0	325.4	9.0	50.1	1.6	53.
3.7	15.7	1030.9	900.0	18.5	9.2	221.5	11.2	8.8	9.3	301.6	321.9	8.1	54.7	2.3	50.
4.6	18.1	1271.9	875.0	16.8	8.4	223.4	14.8	10.3	10.6	302.3	324.2	8.0	47.7	3.0	48.
5.6	20.6	1519.9	850.0	15.9	4.7	224.4	11.6	6.5	6.0	303.7	321.5	6.4	47.5	3.4	46.
6.6	23.2	1771.9	825.0	14.7	0.9	217.1	8.9	5.4	7.1	304.8	318.9	5.0	39.0	4.4	47.
7.6	25.7	2031.6	800.0	13.1	-3.1	209.3	10.9	5.3	9.4	305.6	316.7	3.8	32.3	5.0	45.
8.7	28.4	2277.4	775.0	12.1	-11.1	217.2	11.3	6.9	9.0	307.1	313.5	2.1	19.5	5.7	43.
9.7	31.1	2571.1	750.0	10.4	-12.2	223.5	10.7	7.4	7.8	308.6	314.7	2.0	18.6	6.4	43.
10.9	34.0	2852.4	725.0	9.0	-13.5	225.7	9.2	6.6	6.4	309.8	315.3	1.9	16.7	7.1	43.
12.0	36.6	3142.9	700.0	9.3	-10.1	227.2	6.4	4.7	4.3	313.0	317.9	1.6	15.1	7.6	44.
13.1	39.6	3443.6	675.0	8.0	-16.5	211.2	5.5	2.9	4.7	314.8	319.9	1.6	16.1	8.0	44.
14.3	42.4	3753.4	650.0	5.2	-12.1	194.1	5.7	1.9	5.4	315.1	322.3	2.3	27.3	8.4	43.
15.5	45.4	4075.1	625.0	2.5	-13.4	205.2	5.1	2.2	4.6	315.6	322.4	2.2	29.7	8.8	42.
16.7	49.6	4400.6	600.0	-0.0	-11.9	208.4	4.1	2.0	3.6	316.4	324.4	2.6	40.1	9.0	41.
17.9	51.5	4740.2	575.0	-2.4	-14.1	213.0	4.7	2.9	3.7	317.4	324.5	2.2	40.0	9.4	41.
19.2	54.7	5091.3	550.0	-5.2	-14.9	233.4	6.8	5.4	4.2	319.1	325.0	2.2	46.5	9.8	41.
20.6	57.9	5455.5	525.0	-7.5	-16.4	250.9	8.3	7.9	2.7	319.6	325.9	1.9	47.1	13.4	42.
22.0	61.3	5823.2	500.0	-11.1	-18.2	262.6	9.1	9.1	1.2	319.6	325.5	1.8	55.8	11.0	45.
23.5	64.9	6224.9	475.0	-14.3	-21.1	256.7	9.7	9.5	1.7	321.5	325.3	1.5	55.8	11.7	47.
25.0	68.3	6632.6	450.0	-17.9	-22.5	257.3	9.9	9.7	2.2	320.9	325.5	1.4	67.1	12.5	49.
26.7	71.8	7058.2	425.0	-19.4	-31.7	252.3	10.7	10.2	3.3	324.0	325.5	0.4	20.8	13.4	51.
28.5	75.7	7507.4	400.0	-21.6	-37.1	252.3	14.3	13.7	4.4	326.9	328.3	0.4	23.1	14.6	53.
30.4	79.8	7976.6	375.0	-26.3	-30.8	256.6	16.0	15.6	3.7	326.8	327.5	0.8	65.4	14.2	55.
32.1	83.7	8474.1	350.0	-30.1	-33.1	258.5	17.5	17.1	3.5	324.2	330.5	0.7	74.5	17.9	57.
34.1	87.8	8964.5	325.0	-33.5	-36.6	265.4	17.9	17.9	1.4	310.5	337.3	0.5	73.4	19.9	60.
36.2	92.6	9555.4	300.0	-38.2	-41.2	264.1	16.5	16.6	0.5	311.5	332.4	0.3	72.8	21.7	62.
38.4	97.2	10144.9	275.0	-42.4	99.9	272.9	15.7	15.7	-0.4	331.9	999.9	59.9	99.9	23.4	65.
40.7	102.0	10746.5	250.0	-47.3	99.9	270.7	18.1	18.1	-0.2	335.8	999.9	99.9	99.9	25.4	67.
43.4	107.5	11474.6	225.0	-52.6	99.9	275.9	20.7	20.6	-2.1	334.0	999.9	99.9	99.9	28.6	70.
46.5	113.2	12224.3	200.0	-59.2	99.9	277.8	27.5	27.2	-3.8	319.0	999.9	99.9	99.9	32.5	74.
49.6	119.3	13049.1	175.0	-65.5	99.9	285.1	34.2	33.0	-6.9	341.9	999.9	99.9	99.9	38.1	78.
53.3	126.0	13974.1	150.0	-70.6	99.9	287.1	45.1	43.1	-13.3	348.5	999.9	99.9	99.9	46.0	83.
57.5	133.3	15057.8	125.0	-67.7	99.9	283.2	25.7	25.0	-3.9	372.3	999.9	99.9	99.9	54.3	86.
62.9	140.7	16401.7	100.0	-69.3	99.9	275.8	11.4	11.4	-1.2	393.9	999.9	99.9	99.9	59.4	88.
68.5	148.3	18120.9	75.0	-69.8	99.9	277.3	7.5	8.5	-8.4	426.7	999.9	99.9	99.9	62.9	89.
79.5	157.0	20574.6	50.0	-61.3	99.9	194.6	1.9	-0.7	-1.8	499.9	999.9	99.9	99.9	62.9	91.
94.6	165.7	24998.1	25.0	-51.3	99.9	384.5	24.5	-1.6	-2.0	637.7	999.9	99.9	99.9	83.5	92.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LA

28 APRIL 1975

1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

160 22. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX STD CM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.1	1.0	1013.0	20.7	20.5	140.0	2.6	-1.7	2.0	294.8	334.1	15.2	99.0	0.0	0.
0.4	6.0	113.5	1000.0	22.3	21.3	773.7	2.8	2.8	-0.2	297.7	339.6	16.2	94.0	3.6	327.
1.2	6.4	334.4	975.0	21.0	19.9	169.1	7.0	-1.3	6.9	298.3	338.1	15.2	93.4	0.6	336.
2.0	10.6	559.6	950.0	20.1	13.5	167.6	10.4	-2.3	10.5	299.0	325.9	10.4	66.3	1.1	340.
3.0	12.9	789.8	925.0	20.4	5.3	171.3	11.3	-1.7	11.2	301.0	317.8	6.1	37.3	1.7	344.
3.9	15.3	1026.0	900.0	19.4	3.6	172.7	11.4	-1.4	11.3	302.2	317.4	5.5	35.3	2.4	346.
4.7	17.6	1267.4	875.0	17.5	5.5	178.3	9.2	-0.3	9.2	302.8	320.9	6.9	45.3	2.9	347.
5.7	20.1	1514.3	850.0	15.4	7.8	193.9	9.2	2.2	9.0	303.3	325.1	7.9	60.8	3.4	350.
6.7	22.4	1767.6	825.0	15.6	-14.3	204.6	6.9	2.9	6.3	305.3	311.9	2.2	16.5	3.8	354.
7.6	25.0	2028.0	800.0	16.0	-25.8	198.2	5.7	0.8	5.7	308.2	310.2	0.6	4.1	4.1	355.
9.6	27.4	2298.3	775.0	14.1	-12.2	156.7	6.7	1.9	6.5	309.3	315.2	1.9	14.9	4.5	356.
10.6	30.1	2571.3	750.0	12.0	-13.4	214.8	7.3	4.2	6.0	309.8	315.5	1.8	15.5	4.9	359.
11.7	32.8	2844.3	725.0	11.2	-20.1	230.1	7.3	5.6	4.7	311.9	315.4	1.1	9.5	5.2	2.
11.7	35.5	3146.1	700.0	9.8	-24.6	244.1	6.5	5.8	2.8	313.4	315.8	0.7	6.9	5.5	6.
12.7	33.0	3446.6	675.0	8.2	-20.8	256.3	5.2	5.0	1.2	315.0	318.5	1.1	10.7	5.6	10.
13.6	40.7	3758.6	650.0	5.8	-20.5	259.2	5.4	5.4	1.0	315.7	319.4	1.1	12.9	5.7	13.
15.0	43.5	4076.5	625.0	4.7	-32.4	271.3	5.5	5.1	-0.2	317.9	319.3	0.4	4.7	5.9	16.
16.2	45.5	4407.5	600.0	2.8	-20.4	301.3	6.0	5.1	-3.1	319.5	323.6	1.3	16.2	5.9	20.
17.4	49.6	4750.4	575.0	-0.1	-18.8	308.0	6.3	4.0	-3.9	320.1	325.0	1.5	22.4	5.8	25.
18.5	52.4	5104.2	550.0	-3.1	-22.2	303.8	6.0	5.0	-3.4	320.5	324.4	1.2	21.2	5.7	29.
19.8	55.5	5470.5	525.0	-5.5	-27.4	293.5	5.3	5.2	-1.2	321.9	324.5	0.8	15.8	5.8	33.
21.3	58.7	5851.0	500.0	-8.9	-32.1	270.1	4.3	4.3	-0.0	322.2	324.0	0.5	13.2	6.0	37.
22.5	61.9	6245.6	475.0	-12.0	-36.3	253.8	2.4	2.3	0.7	323.0	324.3	0.4	11.2	6.1	39.
24.0	65.3	6657.5	450.0	-14.3	-41.9	214.0	3.7	2.1	3.1	325.2	326.0	0.2	7.5	6.3	39.
25.5	69.7	7089.3	425.0	-17.2	-44.7	233.0	6.5	5.2	3.6	326.8	327.5	0.2	7.5	6.8	39.
27.1	72.2	7539.7	400.0	-20.9	-43.4	241.4	8.5	7.5	4.1	328.1	328.9	0.2	10.5	7.5	41.
28.6	76.0	8013.0	375.0	-24.7	-42.8	240.7	10.4	9.0	5.1	328.9	329.7	0.2	16.7	8.3	43.
30.3	80.0	8511.5	350.0	-28.5	-43.9	242.2	11.4	10.1	5.3	330.2	331.0	0.2	21.1	9.4	45.
32.0	84.0	9037.7	325.0	-32.9	-44.4	242.1	14.4	13.4	5.4	331.3	332.1	0.2	30.2	10.6	47.
33.9	88.0	9598.0	300.0	-36.0	-40.8	254.7	16.6	16.0	4.4	334.6	335.9	0.4	62.1	12.2	51.
36.0	92.7	10196.7	275.0	-40.7	99.9	261.3	14.3	19.1	2.9	336.2	337.9	99.9	99.9	14.3	55.
38.2	97.2	10836.7	250.0	-45.8	99.9	272.9	19.6	19.6	-1.0	338.0	339.9	99.9	99.9	16.5	60.
40.5	102.2	11531.7	225.0	-51.3	99.9	275.6	20.9	20.7	-2.0	339.8	339.9	99.9	99.9	18.9	65.
43.0	107.8	12286.8	200.0	-57.4	99.9	277.1	28.9	28.7	-3.5	341.9	339.9	99.9	99.9	22.0	70.
45.8	113.5	13118.9	175.0	-63.7	99.9	287.0	34.8	33.3	-10.1	344.9	339.9	99.9	99.9	27.0	76.
49.3	119.8	14049.8	150.0	-70.4	99.9	292.2	36.6	33.9	-13.8	348.9	339.9	99.9	99.9	33.8	83.
53.1	127.0	15126.9	125.0	-69.9	99.9	281.7	24.8	24.3	-5.0	369.4	339.9	99.9	99.9	40.9	87.
57.7	135.0	16451.6	100.0	-71.7	99.9	274.1	16.2	16.2	-1.2	369.1	339.9	99.9	99.9	46.0	88.
63.7	143.3	18158.4	75.0	-70.1	99.9	264.2	6.0	5.9	0.6	425.9	339.9	99.9	99.9	49.9	89.
71.9	152.7	20611.1	50.0	-50.1	99.9	270.5	1.7	1.7	-0.0	502.0	339.9	99.9	99.9	50.2	89.
84.2	162.7	25030.2	25.0	-52.5	99.9	183.9	1.4	0.1	1.4	634.0	339.9	99.9	99.9	49.8	89.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

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STATION NO. 235
JACKSON, MISS

28 APRIL 1975
1115 GMT

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TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX 3 TO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	4.7	100.0	1001.7	20.3	19.1	190.0	3.2	0.6	295.2	331.7	14.1	93.0	0.0	0.
0.1	4.8	114.7	1000.0	20.0	18.9	192.3	5.3	1.9	297.0	331.0	13.9	93.3	0.1	5.
0.3	6.7	333.1	975.0	13.3	17.2	207.6	10.0	4.6	295.3	329.7	12.4	93.2	0.3	20.
1.5	6.9	556.1	950.0	17.0	15.0	204.6	12.4	6.0	297.3	327.3	12.1	93.4	0.7	26.
2.2	13.9	763.7	925.0	19.2	-1.1	207.5	13.6	6.3	295.5	310.7	4.0	27.0	1.3	26.
3.0	13.2	1019.7	900.0	14.3	4.9	214.3	12.3	6.5	301.2	317.9	4.0	40.7	1.9	26.
3.7	15.4	1260.5	875.0	14.9	3.2	218.8	11.9	6.8	301.1	317.6	5.5	79.8	2.5	28.
4.5	17.6	1507.3	850.0	17.0	-8.5	234.4	9.5	7.8	308.2	310.9	2.2	15.7	3.0	31.
5.3	20.0	1750.7	825.0	15.9	-9.5	231.2	7.6	3.9	303.7	317.5	2.3	16.5	3.2	34.
6.1	22.3	2021.1	800.0	14.1	-9.6	230.2	8.7	6.7	301.4	317.4	3.7	29.2	3.7	37.
6.8	24.9	2247.8	775.0	12.3	-8.4	231.8	8.5	6.8	307.4	315.2	2.6	22.7	4.0	39.
7.7	27.1	2501.6	750.0	10.5	-10.8	224.4	9.6	6.9	301.2	315.1	0.2	21.1	4.5	39.
8.5	29.7	2843.0	725.0	9.3	-17.7	217.3	9.9	5.6	311.4	314.0	1.3	12.7	5.0	40.
9.4	32.3	3133.0	700.0	9.3	-27.4	207.1	8.6	4.2	311.4	314.8	0.6	5.5	5.5	38.
10.3	35.1	3433.5	675.0	6.4	-21.2	217.4	6.9	4.2	311.1	318.5	1.0	10.2	5.9	38.
11.3	37.7	3743.0	650.0	6.2	-17.7	219.3	7.1	4.5	311.1	320.6	1.4	15.2	6.3	39.
12.3	40.5	4043.7	625.0	3.6	-14.6	219.3	8.1	5.0	311.7	321.3	1.4	17.9	6.8	39.
13.3	43.2	4394.3	600.0	0.7	-22.8	226.9	9.1	6.7	311.0	320.3	1.0	15.2	7.3	39.
14.4	46.2	4734.1	575.0	-2.1	-13.7	233.0	9.7	7.7	311.6	325.1	2.3	40.2	7.9	39.
15.4	49.3	5085.4	550.0	-4.8	-10.7	235.1	10.2	8.2	318.7	325.7	2.2	45.6	8.5	40.
16.5	52.1	5440.6	525.0	-7.6	-17.7	227.4	10.4	7.9	319.5	325.3	1.8	44.1	9.2	41.
17.7	55.3	5825.0	500.0	-10.0	-24.6	221.9	10.1	7.5	320.9	323.4	0.7	20.4	9.9	42.
18.8	58.5	6221.4	475.0	-12.5	-33.3	211.5	12.0	7.7	322.1	323.8	0.5	16.6	10.6	42.
20.0	62.0	6631.3	450.0	-14.2	-33.4	237.1	14.3	10.9	328.1	325.9	0.5	19.3	11.5	42.
21.1	65.4	7060.9	425.0	-14.3	-34.7	242.9	17.9	15.9	325.5	327.2	0.5	22.1	12.5	43.
22.5	68.9	7510.3	400.0	-21.7	-37.3	236.9	19.1	16.0	326.7	328.1	0.4	22.8	14.1	45.
24.1	72.5	7952.1	375.0	-26.7	-45.6	229.5	19.0	14.5	327.5	328.6	0.3	23.1	15.9	46.
25.8	76.5	8478.5	350.0	-29.3	-39.6	233.2	19.2	15.3	320.2	330.5	0.3	35.0	17.8	47.
27.6	80.6	9004.6	325.0	-32.8	-42.8	243.4	21.1	14.8	331.5	332.5	0.3	35.6	19.9	48.
29.4	85.0	9522.6	300.0	-36.2	-42.8	252.9	23.1	22.1	331.3	334.4	0.3	53.9	22.4	50.
31.6	89.4	10100.2	275.0	-40.7	-42.8	248.0	21.3	19.7	336.3	339.9	0.9	49.9	25.0	53.
34.3	94.3	10902.8	250.0	-45.6	-49.9	256.2	23.0	23.0	338.3	339.9	0.9	99.9	28.3	55.
36.5	99.3	11495.5	225.0	-52.0	-49.3	260.5	28.7	28.3	338.8	339.9	0.9	99.9	31.6	57.
39.2	104.8	12246.6	200.0	-58.6	-49.9	262.7	34.4	34.2	340.0	339.9	0.9	99.9	36.1	60.
42.4	110.8	13076.6	175.0	-63.2	-49.9	268.6	41.9	41.9	340.0	339.9	0.9	99.9	43.0	65.
45.9	117.3	14009.9	150.0	-69.8	-49.9	274.4	46.8	46.8	349.8	339.9	0.9	99.9	52.1	69.
50.4	125.0	15096.1	125.0	-78.1	-49.9	257.4	19.3	18.8	371.6	339.9	0.9	99.9	61.1	73.
55.4	132.7	16438.9	100.0	-68.8	-49.9	272.7	12.4	12.4	394.8	339.9	0.9	99.9	67.1	74.
61.9	141.0	18151.6	75.0	-67.9	-49.9	212.1	3.7	2.0	430.5	339.9	0.9	99.9	70.2	74.
70.7	149.7	20626.5	50.0	-60.2	-49.9	109.6	4.9	-4.6	501.7	339.9	0.9	99.9	78.0	74.
84.0	156.7	25052.2	25.0	-51.6	-49.9	48.8	2.6	-2.0	636.8	339.9	0.9	99.9	88.1	75.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LA28 APRIL 1976
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

156 16. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	4.0	5.0	1011.0	22.8	21.6	150.0	4.2	-2.1	3.6	297.2	339.6	16.3	93.0	0.0	0.
0.3	4.9	100.8	1000.0	22.7	21.6	150.0	4.3	1.1	-0.7	298.1	339.6	16.3	93.0	0.0	0.
1.0	6.9	322.1	975.0	21.9	21.1	141.6	3.8	0.1	3.8	299.4	342.3	16.4	95.2	0.1	34.
1.7	9.3	547.8	950.0	20.0	19.1	174.0	10.5	-0.2	10.5	299.4	342.3	16.4	95.2	0.1	34.
2.5	11.4	778.4	925.0	18.8	17.9	142.2	11.1	0.4	11.0	300.2	342.3	16.4	95.2	0.1	34.
3.1	13.6	1013.6	900.0	17.0	16.2	181.3	11.0	0.3	11.0	300.2	342.3	16.4	95.2	0.1	34.
3.9	15.9	1253.4	875.0	12.7	-4.5	184.6	8.4	1.3	8.3	297.4	335.5	13.0	94.8	1.8	35.
4.8	18.4	1496.9	850.0	13.8	-0.1	201.2	9.3	3.4	8.6	301.2	335.5	13.0	94.8	1.8	35.
5.7	20.7	1749.5	825.0	14.4	9.2	204.3	9.7	4.0	8.8	305.1	329.7	4.9	70.8	3.1	3.
6.6	23.2	2009.1	800.0	12.0	9.2	211.2	9.7	5.0	8.3	305.2	329.7	4.9	70.8	3.1	3.
7.4	25.6	2275.2	775.0	11.4	-1.6	210.3	11.3	5.7	9.7	306.7	320.3	4.8	43.8	4.1	10.
8.4	28.1	2548.7	750.0	11.3	-1.6	214.1	12.4	6.9	10.2	308.9	312.9	1.3	11.3	4.8	13.
9.4	30.6	2831.3	725.0	11.3	-41.5	218.9	13.1	8.2	10.2	311.8	312.3	0.1	1.2	5.5	16.
10.3	33.5	3123.0	700.0	10.0	-43.8	222.5	12.4	6.4	9.1	313.6	314.0	0.1	1.0	6.2	19.
11.3	36.0	3424.2	675.0	9.4	-44.1	227.2	11.9	4.8	8.1	316.2	316.6	0.1	1.0	6.7	22.
12.2	38.6	3735.6	650.0	7.8	-45.1	242.5	11.3	10.0	5.2	317.8	318.2	0.1	1.0	7.4	24.
13.3	41.3	4056.5	625.0	5.1	-46.8	258.6	9.7	9.5	1.9	319.2	318.5	0.1	1.0	7.8	28.
14.4	44.2	4398.0	600.0	2.4	-48.5	259.4	7.9	7.8	1.5	318.9	319.2	0.1	1.0	8.2	31.
15.4	47.1	4729.8	575.0	-0.4	-50.2	242.7	7.6	6.8	3.5	319.4	319.7	0.1	1.0	8.5	34.
16.5	50.1	5083.1	550.0	-3.0	-51.9	228.1	9.3	6.9	6.2	320.4	320.7	0.1	1.0	9.0	37.
17.7	53.0	5449.4	525.0	-5.6	-53.4	225.3	9.6	6.8	6.7	321.7	321.9	0.0	1.0	9.7	40.
18.9	56.0	5826.5	500.0	-8.7	-55.4	217.4	10.4	6.3	8.3	322.4	322.6	0.0	1.0	10.4	43.
20.2	59.4	6224.3	475.0	-11.9	-57.4	215.6	12.9	7.5	10.5	323.2	323.3	0.0	1.0	11.3	46.
21.6	62.9	6636.1	450.0	-14.7	-59.3	212.6	14.9	8.1	12.6	324.7	324.9	0.1	2.1	12.5	49.
23.0	66.1	7055.7	425.0	-18.4	-36.7	214.7	16.5	9.4	13.6	325.9	326.9	0.4	18.2	13.7	52.
24.4	69.9	7514.5	400.0	-22.4	-38.9	218.8	19.0	11.9	14.8	325.9	327.1	0.3	20.6	15.3	55.
25.9	73.4	7946.4	375.0	-25.3	-37.3	219.5	18.4	11.7	14.2	328.1	329.6	0.4	32.2	16.9	58.
27.6	77.5	8483.7	350.0	-28.7	-46.1	230.5	20.2	15.6	12.9	330.0	330.8	0.2	20.0	18.9	61.
29.2	81.5	9010.5	325.0	-32.6	-43.2	235.1	22.4	18.4	12.8	331.6	332.6	0.3	34.0	20.8	64.
31.0	85.7	9566.7	300.0	-36.2	-41.2	238.3	24.5	20.8	12.9	334.2	335.5	0.3	59.9	23.2	67.
32.9	90.2	10168.2	275.0	-40.6	99.9	245.4	28.0	25.4	11.6	336.5	336.5	99.9	99.9	25.9	70.
35.0	95.2	10810.6	250.0	-46.0	99.9	250.6	24.5	26.4	9.5	337.8	337.8	99.9	99.9	29.4	73.
37.1	103.0	11501.3	225.0	-52.0	99.9	254.2	31.2	30.0	8.5	338.9	338.9	99.9	99.9	32.8	76.
39.3	105.5	12254.9	200.0	-57.3	99.9	253.2	42.3	40.5	12.4	342.0	342.0	99.9	99.9	37.4	79.
41.5	111.5	13084.3	175.0	-62.8	99.9	262.4	43.9	43.5	5.8	346.3	346.3	99.9	99.9	42.5	82.
43.5	117.8	14018.5	150.0	-70.7	99.9	267.6	41.1	41.1	1.7	348.3	348.3	99.9	99.9	47.4	85.
46.0	129.2	15101.5	125.0	-79.2	99.9	258.8	30.7	30.1	5.9	367.9	367.9	99.9	99.9	52.2	88.
49.4	132.7	16423.3	100.0	-70.5	99.9	256.1	23.3	22.6	3.6	391.5	391.5	99.9	99.9	56.8	91.
54.3	140.3	18129.5	75.0	-70.1	99.9	156.7	3.9	-1.5	3.6	425.9	425.9	99.9	99.9	60.4	94.
61.8	148.3	20582.5	50.0	-61.0	99.9	119.4	2.5	-2.2	1.2	499.8	499.8	99.9	99.9	60.9	97.
74.7	156.3	25000.4	25.0	-50.8	99.9	86.4	3.2	-3.2	-0.2	639.2	639.2	99.9	99.9	58.9	100.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 248
SHREVEPORT, LA

28 APRIL 1975

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

166 12. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CNTP M/SEC	V CNTP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	79.0	1001.0	21.1	19.9	150.0	3.2	-1.6	2.8	296.0	332.1	13.9	87.0	0.0	0.
0.0	4.9	81.7	1000.0	21.1	19.0	252.8	1.7	1.6	0.5	296.2	332.7	14.0	87.9	0.3	351.
0.6	6.8	307.8	675.0	20.4	19.6	229.5	4.7	3.6	3.1	297.7	336.6	14.9	94.7	0.6	350.
1.7	9.0	532.5	550.0	19.3	19.5	192.0	15.0	3.1	14.6	298.6	336.2	14.3	95.4	1.1	1.
2.7	11.1	722.9	525.0	19.6	17.3	208.3	17.1	7.0	15.5	301.2	337.3	13.6	96.3	2.1	9.
3.6	13.4	906.1	500.0	17.8	17.0	212.1	17.1	9.1	14.5	301.7	338.2	13.7	95.0	3.0	15.
4.6	15.5	1240.5	475.0	16.4	15.5	219.4	16.4	12.4	12.7	303.8	336.9	12.8	94.7	3.9	20.
5.6	17.8	1487.7	450.0	15.3	14.1	226.0	17.1	12.3	11.9	303.8	336.9	12.1	92.7	4.9	25.
6.5	20.2	1741.6	425.0	16.2	7.3	238.4	14.9	12.7	7.8	306.8	328.9	7.9	55.7	5.7	29.
7.5	22.5	2002.8	400.0	14.5	3.3	248.7	14.9	12.7	5.9	307.4	328.5	6.3	54.7	7.2	37.
8.5	25.0	2270.0	375.0	12.1	3.3	245.0	15.7	14.3	6.4	307.6	325.6	6.3	63.9	8.0	40.
9.4	27.3	2543.7	350.0	9.4	2.9	242.0	14.4	12.7	6.7	307.6	325.6	6.3	63.9	8.0	40.
10.5	29.9	2824.3	325.0	7.4	5.0	233.7	12.0	9.6	7.1	308.6	320.1	7.6	64.8	8.8	42.
11.5	32.6	3113.4	300.0	6.0	4.5	217.4	11.2	6.8	6.7	312.2	331.9	7.6	60.2	9.2	42.
12.5	35.3	3411.3	275.0	4.4	-1.1	215.4	12.4	7.2	10.1	311.2	326.6	5.3	67.7	10.2	41.
13.7	37.9	3719.3	250.0	5.7	-11.5	221.0	15.3	10.0	11.6	315.7	323.4	2.5	28.3	11.1	41.
14.8	40.6	4039.0	225.0	3.2	-10.4	223.7	17.6	15.2	12.7	316.5	325.1	2.8	36.0	12.2	41.
16.0	43.5	4368.2	200.0	0.4	-10.4	227.9	17.3	15.3	11.6	317.1	319.7	0.8	11.7	13.5	42.
17.2	46.6	4707.0	175.0	-7.2	-15.8	232.5	17.8	15.3	11.5	317.7	321.8	1.9	34.1	14.7	42.
18.4	49.6	5059.7	150.0	-4.9	-14.9	238.2	19.2	15.2	11.8	318.6	325.5	2.2	45.3	16.1	43.
19.7	52.6	5423.4	125.0	-7.9	-13.7	244.9	19.5	15.1	11.7	318.9	318.5	0.2	4.0	17.5	44.
21.2	55.9	5800.4	100.0	-11.1	-19.7	250.3	21.5	15.0	11.7	318.7	325.1	1.7	51.5	19.3	45.
22.4	59.1	6181.5	75.0	-13.5	-30.3	256.7	23.2	17.7	15.0	321.3	323.5	0.6	23.1	21.0	45.
23.0	62.6	6631.9	50.0	-16.1	-47.5	262.2	23.2	17.6	15.7	322.9	324.0	0.3	12.1	22.7	45.
24.0	66.0	7090.7	25.0	-19.0	-52.0	270.4	22.0	15.7	15.4	324.5	324.6	0.0	1.0	24.5	45.
25.4	69.7	7470.1	0.0	-22.3	-57.3	273.1	25.3	17.2	14.1	326.0	326.7	0.2	12.5	26.4	45.
27.8	73.5	7748.7	175.0	-21.4	-57.3	273.1	26.4	17.0	14.2	327.8	327.1	0.1	5.8	28.4	45.
29.5	77.7	8443.9	350.0	-32.1	-83.5	277.0	27.5	20.7	16.2	328.1	328.9	0.2	26.0	31.4	45.
31.4	81.8	8976.8	375.0	-41.1	-106.4	277.0	28.5	23.2	14.3	328.6	331.4	0.5	75.5	34.5	46.
33.2	85.0	9511.9	400.0	-43.4	-117.7	277.0	31.5	27.4	17.1	331.1	331.7	0.1	32.5	37.7	46.
35.4	91.0	10115.5	275.0	-42.3	-97.9	277.0	32.1	27.9	17.5	329.0	329.2	0.9	99.9	42.0	47.
37.6	95.3	10753.2	250.0	-47.4	9.9	261.1	37.3	34.1	15.1	325.7	325.7	0.0	99.9	45.6	47.
40.0	101.2	11439.5	225.0	-53.5	99.2	261.3	37.5	34.0	16.1	330.6	330.6	0.0	99.9	51.9	51.
42.5	107.0	12190.3	200.0	-57.6	97.0	252.1	37.7	35.8	11.4	341.6	341.6	0.9	99.9	57.4	53.
45.2	113.3	13019.9	175.0	-64.0	99.9	252.5	37.2	31.0	12.4	348.4	348.4	0.9	99.9	63.7	55.
48.2	120.3	13953.4	150.0	-68.5	96.0	262.5	40.2	39.8	5.3	352.1	352.1	0.9	99.9	70.0	57.
52.2	123.1	15045.2	125.0	-68.1	99.9	243.0	38.7	24.0	11.8	371.6	371.6	0.9	99.9	77.3	59.
56.6	136.3	16386.0	100.0	-59.5	99.9	261.0	38.7	17.5	1.8	393.4	393.4	0.9	99.9	83.5	59.
62.6	143.0	18106.0	75.0	-67.1	99.9	181.1	4.5	0.2	4.5	433.3	433.3	0.9	99.9	86.1	59.
70.7	154.3	20584.8	50.0	-61.9	99.9	137.5	0.4	-0.2	0.3	497.7	497.7	0.9	99.9	87.4	58.
83.7	164.0	24983.1	25.0	-52.2	99.9	222.1	3.9	2.6	2.9	634.6	634.6	0.9	99.9	84.1	57.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIM* HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 250
BROWNSVILLE, TEX

28 APRIL 1975

1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	ENTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	ME RTD GM/KG	RH PCY	RANGE KM	AZ DG
0-0	4-4	7-0	1035-5	24-4	21-1	155-0	8-2	-3-5	7-4	299-2	341-0	15-9	82-0	0-0	0-
0-1	4-2	55-4	1030-0	25-0	24-0	115-5	2-8	-2-5	1-2	300-7	351-2	19-3	94-7	0-6	33-4
0-9	6-7	278-8	975-0	23-7	23-6	138-5	7-1	-4-7	5-3	301-6	352-1	19-2	99-7	0-8	32-6
1-6	8-8	506-3	970-0	21-6	21-5	154-0	15-8	-6-9	14-2	301-4	347-0	17-3	99-3	1-5	32-8
2-5	10-9	738-3	965-0	22-5	22-4	162-2	18-1	-5-5	17-2	303-2	322-0	6-8	37-3	2-4	33-2
3-3	13-0	977-7	960-0	24-7	24-6	163-0	20-4	-6-0	19-5	307-9	327-2	6-8	31-2	3-3	33-5
4-1	15-2	1223-7	955-0	22-4	22-4	164-7	20-1	-4-6	19-5	308-0	327-8	7-0	35-6	4-2	33-7
5-0	17-4	1475-5	850-0	21-4	21-4	175-4	16-9	-1-3	16-8	310-0	334-3	8-6	44-9	5-2	34-0
5-9	19-8	1733-5	825-0	20-3	20-3	182-4	14-9	0-7	14-9	311-3	338-1	9-5	51-9	6-0	34-3
6-8	22-0	1999-2	800-0	20-3	20-3	191-7	11-5	2-3	11-3	313-2	321-2	2-6	13-9	6-7	34-5
7-7	24-4	2272-7	775-0	20-7	20-7	208-4	10-6	5-1	9-4	316-2	318-9	0-8	4-1	7-1	34-6
8-6	26-7	2554-2	750-3	19-0	19-0	217-5	9-1	5-5	7-2	317-3	320-4	0-9	5-1	7-5	35-1
9-5	29-2	2843-3	725-0	16-7	16-7	218-8	5-6	3-5	4-3	318-0	323-5	1-7	10-5	7-9	35-3
10-4	31-8	3140-3	700-0	14-5	14-5	234-7	2-8	2-2	1-6	318-8	325-5	2-1	14-4	7-9	35-4
11-4	34-4	3445-9	675-0	11-9	11-9	235-7	3-0	2-5	1-7	319-3	329-3	3-2	25-0	8-0	35-5
12-4	37-0	3759-9	650-0	8-8	8-8	246-5	4-6	4-2	1-8	319-3	329-1	3-1	28-6	8-1	35-7
13-4	39-6	4092-9	625-0	6-0	6-0	253-5	6-6	6-3	1-9	319-7	329-6	3-2	33-0	8-2	35-9
14-5	42-4	4416-1	600-0	3-7	3-7	267-9	7-1	7-1	0-3	320-7	327-9	2-3	27-4	8-3	36-2
15-7	45-3	4759-7	575-0	0-5	0-5	276-8	7-8	7-7	-0-9	320-8	326-4	2-4	34-6	8-3	36-4
17-0	49-3	5114-3	550-0	-2-8	-2-8	284-1	8-9	8-6	-2-2	321-1	329-7	2-7	48-2	8-2	36-6
18-2	51-1	5480-7	525-0	-6-4	-6-4	276-2	8-2	8-2	-0-9	321-1	329-9	2-9	61-5	8-3	36-8
19-6	54-4	5861-3	500-0	-7-9	-7-9	260-1	6-2	6-1	1-1	323-3	323-5	0-1	1-3	8-4	36-9
20-9	57-4	6257-3	475-0	-11-0	-11-0	244-8	6-1	5-6	2-2	324-3	324-8	0-1	3-7	8-7	37-0
22-2	60-9	6670-3	450-0	-13-6	-13-6	237-3	9-5	7-2	4-6	326-1	326-4	0-1	3-1	9-1	37-1
23-6	64-3	7102-2	425-0	-16-9	-16-9	215-6	10-1	5-9	8-2	327-3	330-2	0-9	36-2	9-9	37-2
25-2	67-7	7554-9	400-0	-19-3	-19-3	215-7	12-8	7-5	10-4	330-1	334-9	1-4	68-4	10-9	37-3
26-7	71-3	8031-3	375-0	-23-4	-23-4	226-3	14-9	10-8	10-3	330-7	334-0	1-0	62-1	12-1	37-4
28-3	75-3	8532-9	350-0	-26-6	-26-6	235-9	17-8	14-8	10-0	332-9	334-5	0-5	16-1	13-6	37-5
30-0	79-5	9064-7	325-0	-29-9	-29-9	239-3	21-3	14-4	10-9	335-4	335-6	0-0	2-5	15-4	37-6
31-9	83-6	9629-3	300-0	-34-7	-34-7	242-1	23-8	21-0	11-1	336-3	336-4	0-0	2-6	17-7	37-7
34-1	88-0	10231-7	275-0	-39-1	-39-1	245-6	28-8	26-2	11-9	338-5	339-9	99-9	99-9	23-8	37-8
36-3	92-8	10794-6	250-0	-43-5	-43-5	247-2	29-9	27-5	11-6	341-4	341-4	99-9	99-9	24-4	37-9
38-6	97-6	11579-3	225-0	-49-6	-49-6	248-8	31-1	29-0	11-2	342-5	342-5	99-9	99-9	24-3	38-0
41-2	103-3	12340-7	200-0	-54-8	-54-8	258-2	31-0	30-3	6-3	345-9	345-9	99-9	99-9	32-6	38-1
44-0	109-5	13180-7	175-0	-62-1	-62-1	257-7	34-7	33-9	7-4	347-5	347-5	99-9	99-9	38-3	38-2
47-1	115-8	14117-4	150-0	-68-7	-68-7	265-0	28-4	28-3	2-5	351-8	351-8	99-9	99-9	43-7	38-3
51-0	123-7	15201-2	125-0	-70-8	-70-8	256-1	26-6	25-8	6-4	346-7	346-7	99-9	99-9	51-1	38-4
55-5	132-0	16510-4	100-0	-73-9	-73-9	239-9	20-8	18-0	10-4	385-0	385-0	99-9	99-9	56-3	38-5
60-9	141-0	18190-3	75-0	-59-4	-59-4	269-1	7-3	7-3	0-1	427-4	427-4	99-9	99-9	61-0	38-6
68-9	151-5	20668-5	50-0	-61-5	-61-5	23-2	7-5	-3-0	-6-9	498-6	498-6	99-9	99-9	61-9	38-7
81-4	163-0	25097-4	25-0	-49-9	-49-9	99-9	0-7	-0-3	-0-6	641-3	641-3	99-9	99-9	59-5	38-8

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEX

28 APRIL 1975
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

164 16. 1

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	4.5	33.0	1003.5	23.2	21.8	150.0	5.2	-2.6	4.5	298.3	341.8	16.7	92.0	0.0	0.
0.1	4.8	63.7	1000.0	23.3	22.1	147.0	1.3	-0.7	1.1	299.8	343.3	17.1	93.0	0.4	341.
0.8	6.7	285.5	975.0	22.2	21.3	103.0	3.2	-0.9	3.0	297.8	343.3	16.6	94.2	0.6	329.
1.6	8.9	512.0	950.0	21.2	20.2	104.3	12.0	-2.5	12.3	300.8	342.9	15.9	94.0	1.0	336.
2.4	10.9	743.1	925.0	19.3	18.2	177.2	13.1	-0.6	13.1	301.0	339.3	14.4	93.6	1.6	342.
3.1	13.3	979.2	900.0	18.8	12.5	172.6	13.1	0.8	16.5	302.3	330.9	10.6	71.6	2.2	348.
3.9	15.5	1223.1	875.0	18.2	7.5	146.5	17.1	2.2	19.0	306.9	327.9	7.5	41.3	3.0	353.
4.7	17.7	1473.1	850.0	18.7	0.7	169.0	19.4	3.0	19.2	306.9	330.2	8.3	52.2	4.0	356.
5.5	20.1	1729.0	825.0	17.0	11.7	193.9	17.6	4.2	17.1	308.0	337.4	10.6	71.0	4.8	359.
6.3	22.4	1991.4	800.0	15.1	10.0	194.0	15.0	3.6	14.5	309.5	335.7	9.7	71.5	5.6	1.
7.2	24.9	2259.9	775.0	13.2	5.7	197.1	13.7	4.0	17.1	309.0	330.2	7.4	60.1	6.3	2.
8.0	27.2	2535.7	750.0	11.6	7.7	202.5	12.3	4.7	11.3	310.3	335.4	8.9	77.2	6.9	4.
8.8	29.6	2813.9	725.0	10.0	5.0	206.0	9.0	3.9	8.1	311.4	333.2	7.6	71.5	7.4	6.
9.6	32.4	3111.1	700.0	10.2	-9.9	206.9	5.9	2.7	5.3	314.1	322.4	2.7	24.2	7.8	7.
10.7	35.1	3412.3	675.0	9.6	-17.2	214.0	5.4	3.0	4.4	315.4	320.1	1.5	14.2	8.0	8.
11.6	37.7	3722.8	650.0	6.3	-16.5	225.0	7.2	5.1	5.1	316.3	321.5	1.6	17.8	8.4	9.
12.9	40.5	4043.3	625.0	4.4	-16.7	244.5	10.3	9.3	4.4	317.6	323.0	1.7	19.9	8.4	11.
13.9	43.3	4374.1	600.0	2.2	-13.8	243.0	14.3	17.8	6.5	319.0	325.9	2.2	29.3	9.2	15.
15.0	46.3	4716.0	575.0	-0.7	-13.8	237.8	16.5	14.0	6.8	319.5	326.7	2.3	36.3	10.0	20.
16.1	47.4	5053.9	550.0	-4.0	-14.8	242.2	18.3	14.4	7.6	316.6	324.5	2.2	42.7	10.9	25.
17.3	52.4	5433.8	525.0	-7.5	-14.6	238.4	19.0	15.3	9.4	316.6	327.1	2.3	65.4	11.9	27.
18.6	55.6	5811.6	500.0	-10.6	-11.0	236.4	19.1	15.9	10.6	320.0	327.0	2.2	65.4	13.2	30.
19.9	58.9	6204.0	475.0	-12.8	-52.7	243.5	17.6	15.7	7.8	322.1	322.9	0.2	8.1	14.4	33.
21.3	62.4	6615.3	450.0	-14.4	-59.1	234.9	17.7	14.5	10.2	325.1	325.2	0.0	1.0	15.7	35.
22.6	65.9	7045.1	425.0	-18.3	-61.6	229.7	18.6	14.2	12.0	325.4	325.5	0.0	13.2	17.2	37.
24.0	69.7	7494.1	400.0	-21.9	-43.7	231.7	19.9	15.6	12.3	326.4	327.2	0.2	13.2	18.6	38.
25.6	73.5	7966.0	375.0	-25.3	-31.9	237.6	23.5	19.8	12.6	324.1	330.0	0.7	53.7	20.7	39.
27.3	77.7	8463.8	350.0	-28.3	-46.7	242.1	25.4	22.8	12.1	330.5	331.2	0.2	15.1	23.1	41.
29.0	81.5	8931.4	325.0	-31.6	-70.2	245.4	26.9	26.3	12.0	333.1	333.1	0.0	1.0	25.6	44.
31.0	86.3	9522.8	300.0	-36.2	-71.5	243.1	28.0	25.0	12.7	334.2	334.3	0.0	1.3	28.9	45.
32.9	91.2	10150.1	275.0	-41.0	99.9	247.2	29.5	26.3	11.1	335.9	335.9	99.9	99.9	31.9	48.
35.0	95.2	10791.0	250.0	-45.9	99.9	251.3	34.5	32.7	11.0	337.8	337.8	99.9	99.9	35.9	50.
37.1	101.6	11485.4	225.0	-50.9	99.9	245.8	40.1	36.6	16.4	340.6	339.9	99.9	99.9	40.3	53.
39.7	107.8	12241.2	200.0	-57.3	99.9	248.8	37.9	35.3	13.7	342.0	339.9	99.9	99.9	46.1	54.
42.4	114.0	13076.6	175.0	-62.7	99.9	250.1	46.2	45.5	7.9	344.5	339.9	99.9	99.9	52.3	57.
45.4	121.3	14008.2	150.0	-71.0	99.9	263.5	51.5	51.2	5.9	347.8	339.9	99.9	99.9	60.7	60.
48.6	129.0	15082.5	125.0	-70.5	99.9	261.7	44.0	43.5	6.3	367.3	339.9	99.9	99.9	68.8	63.
53.0	137.3	16408.4	100.0	-71.0	99.9	237.4	25.4	21.4	13.7	350.5	339.9	99.9	99.9	76.7	64.
59.5	146.0	18107.2	75.0	-70.5	99.9	228.9	12.9	9.6	8.4	425.1	339.9	99.9	99.9	83.3	85.
64.0	154.7	20370.8	50.0	-62.0	99.9	07.0	2.2	-2.2	-0.1	497.5	339.9	99.9	99.9	84.8	85.
81.0	163.7	24987.2	25.0	-52.4	99.9	97.9	1.4	-1.4	0.2	634.4	339.9	99.9	99.9	84.1	85.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEX

28 APRIL 1975
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

160 20. 1

TIME MIN	CNCT	HEIGHT GPM	PRLS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	10.0	309.0	942.9	16.7	9.9	20.0	2.1	-0.7	-2.0	294.0	315.1	8.0	64.0	0.0	0.
0.5	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
1.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
1.5	11.2	523.4	950.0	19.2	-7.6	20.0	2.2	0.9	2.0	297.0	304.2	2.5	17.2	0.5	199.
2.0	13.8	752.6	925.0	20.2	-17.5	16.7	3.1	-0.9	-3.0	306.1	301.3	1.0	6.5	0.5	198.
2.5	16.1	987.3	900.0	18.3	-18.3	23.3	5.4	-2.1	-5.0	300.5	303.6	1.0	6.8	0.8	198.
3.0	18.7	1227.3	875.0	16.6	-11.2	32.3	3.1	-1.7	-2.7	301.2	306.9	1.9	14.1	1.0	201.
3.5	21.1	1473.2	850.0	16.3	-17.5	24.4	1.7	1.5	0.7	311.1	306.1	1.1	8.3	1.0	201.
4.0	23.9	1726.0	825.0	15.0	-11.5	26.7	6.7	0.7	0.9	304.7	310.5	1.9	15.0	0.9	198.
4.5	26.4	1985.2	800.0	17.8	-8.6	25.1	7.3	7.1	1.7	307.2	312.6	2.5	21.6	0.9	166.
5.0	29.2	2250.5	775.0	10.4	-6.4	251.8	8.1	7.7	2.5	305.3	313.1	2.6	25.8	0.9	143.
5.5	32.0	2522.1	750.0	8.0	-7.7	241.8	9.5	8.4	4.5	305.6	314.1	2.9	32.0	1.1	121.
6.0	34.9	2800.2	725.0	5.8	-5.9	230.0	12.9	9.9	8.3	304.2	316.2	3.4	42.6	1.4	102.
6.5	37.6	3068.0	700.0	6.7	-6.5	225.6	16.8	13.4	13.2	310.3	320.4	3.4	39.2	2.4	75.
7.0	40.5	3371.1	675.0	6.9	-13.3	236.4	20.9	17.4	11.6	313.6	320.0	2.0	22.0	3.7	65.
7.5	43.4	3655.7	650.0	4.4	-15.6	248.4	23.2	20.9	10.3	314.1	319.6	1.7	21.6	5.0	64.
8.0	46.5	4013.4	625.0	1.7	-16.3	249.0	25.6	23.9	9.2	319.9	327.9	1.7	24.8	6.3	65.
8.5	49.6	4340.5	600.0	-1.4	-15.9	250.9	26.9	23.4	8.8	314.8	320.6	1.8	32.1	7.4	66.
9.0	52.6	4677.9	575.0	-4.3	-15.3	250.5	27.6	24.0	9.2	315.2	321.5	2.0	42.0	8.6	67.
9.5	55.8	5025.5	550.0	-7.9	-15.3	250.4	28.1	26.8	8.5	314.9	321.5	2.1	55.2	9.9	67.
10.0	59.1	5395.4	525.0	-11.5	-15.6	251.1	30.5	27.3	8.4	314.8	321.5	2.2	71.6	11.5	68.
10.5	62.6	5758.2	500.0	-12.8	-13.9	247.5	29.9	27.4	11.9	317.7	325.9	2.6	91.6	13.8	69.
11.0	65.9	6143.1	475.0	-14.8	-16.0	241.7	22.8	26.1	10.9	319.9	327.3	2.3	90.6	15.8	68.
11.5	69.4	6555.8	450.0	-17.2	-19.0	240.9	13.4	11.7	6.5	321.5	327.9	1.9	85.4	17.1	67.
12.0	73.0	6982.4	425.0	-20.0	-22.5	225.6	11.4	7.7	4.4	323.5	328.4	1.5	79.8	18.0	67.
12.5	76.8	7430.9	400.0	-22.4	-26.3	230.7	15.3	11.8	9.7	326.0	329.8	1.1	70.4	19.2	64.
13.0	80.6	7902.0	375.0	-25.8	-29.4	221.7	17.6	11.7	13.1	327.4	330.4	0.9	70.9	20.6	64.
13.5	84.8	8397.7	350.0	-29.9	-33.1	217.6	22.9	14.1	18.1	328.4	330.7	0.7	73.7	22.2	62.
14.0	88.8	8921.9	325.0	-33.7	-37.1	215.1	23.4	13.5	19.2	331.1	331.9	0.5	71.4	24.2	60.
14.5	92.4	9477.5	300.0	-38.4	-42.0	225.5	24.1	14.3	17.4	331.2	332.4	0.3	68.2	24.6	58.
15.0	96.0	10070.1	275.0	-43.0	-49.9	221.2	27.8	14.4	22.4	332.9	332.9	0.9	69.9	25.6	56.
15.5	100.2	10705.0	250.0	-48.2	-59.9	219.2	34.7	21.5	27.3	334.5	334.5	0.9	69.9	31.3	54.
16.0	104.2	11392.3	225.0	-52.9	-69.9	221.3	50.2	34.4	36.5	337.5	337.5	0.9	69.9	34.9	52.
16.5	108.6	12140.8	200.0	-59.6	-99.9	226.3	53.4	38.6	36.9	338.4	338.4	0.9	69.9	45.3	51.
17.0	113.6	12943.6	175.0	-65.8	-99.9	231.0	66.2	52.9	35.8	341.4	339.9	0.9	69.9	54.5	51.
17.5	118.5	13809.0	150.0	-66.0	-99.9	234.4	51.5	43.2	24.6	356.4	356.4	0.9	69.9	68.2	53.
18.0	123.3	15017.5	125.0	-63.1	-99.9	230.2	22.7	17.4	14.5	320.8	320.8	0.9	69.9	77.6	54.
18.5	128.2	16344.3	100.0	-69.8	-99.9	230.6	18.7	14.5	11.9	303.0	303.0	0.9	69.9	84.5	53.
19.0	133.3	17896.7	75.0	-66.3	-99.9	230.0	7.0	3.1	6.3	433.9	433.9	0.9	69.9	87.9	55.
19.5	138.7	20584.4	50.0	-62.3	-99.9	60.9	5.3	-3.3	-2.3	496.7	496.7	0.9	69.9	90.8	53.
20.0	144.0	24075.7	25.0	-52.9	-99.9	60.7	9.6	-8.3	-4.7	512.5	512.5	0.9	69.9	98.4	52.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

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STATION NO. 261
DEL RIO, TEX
28 APRIL 1975
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.6	314.0	572.0	19.0	13.4	350.0	4.5	0.8	-4.5	295.9	322.3	10.0	70.0	0.0	0.
95.9	93.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	10.5	512.1	950.0	21.9	5.3	354.6	12.6	1.2	-12.5	100.2	315.7	6.0	34.6	0.4	172.
1.6	12.8	743.4	925.0	22.2	-6.5	359.0	15.7	0.3	-15.7	302.4	309.6	2.5	14.2	2.0	174.
2.6	15.2	940.1	900.0	20.2	-7.9	2.0	15.4	-0.5	-15.4	302.6	309.6	2.3	14.2	2.0	174.
3.3	17.3	1221.6	975.0	18.3	-9.5	356.4	15.1	1.0	-15.1	302.7	309.6	2.1	14.4	2.7	174.
4.1	19.7	1465.2	850.0	17.9	-7.5	354.3	13.7	1.4	-13.6	305.3	312.9	2.6	14.9	3.4	174.
5.0	22.0	1723.3	625.0	15.8	-3.5	1.3	10.2	-0.2	-10.2	306.8	316.3	3.6	26.3	4.0	177.
5.9	24.5	1743.5	400.0	13.6	4.0	341.0	7.9	2.5	-7.3	306.5	324.8	6.5	53.1	4.5	177.
6.9	26.9	2257.5	775.0	11.7	11.3	244.7	4.9	4.6	-1.4	307.4	334.2	11.0	97.6	4.9	174.
7.8	29.5	2526.4	700.0	10.2	10.2	206.5	5.5	2.4	5.0	309.1	339.5	10.5	100.8	4.9	172.
8.9	32.1	2827.7	700.0	8.6	8.6	143.8	6.5	2.1	6.4	310.2	347.7	9.8	100.4	4.3	172.
10.4	34.9	3037.5	700.0	5.9	4.2	149.2	9.4	3.2	9.3	313.0	351.2	7.5	80.3	3.5	172.
11.6	37.3	3363.2	675.0	5.2	-3.1	203.3	11.8	4.7	10.4	312.0	355.5	4.6	56.4	3.0	175.
13.0	40.2	3703.1	650.0	4.4	-22.9	215.4	13.1	7.7	10.4	314.0	357.0	0.9	11.6	2.5	173.
14.1	42.3	4023.3	621.0	1.9	-27.0	215.2	13.7	7.7	11.3	314.0	357.0	0.6	5.0	2.6	174.
15.2	45.4	4348.2	600.0	-0.7	-17.4	213.1	15.6	8.5	11.1	315.4	359.9	1.4	23.1	2.9	94.
16.4	48.6	4678.0	575.0	-3.3	-17.5	222.0	17.4	13.2	14.7	316.3	361.7	1.7	32.2	3.7	74.
17.6	51.4	5019.9	550.0	-6.0	-21.1	221.4	19.3	18.0	17.4	317.3	361.5	1.3	24.9	5.2	44.
18.9	54.7	5369.1	525.0	-8.7	-23.1	224.9	20.7	19.6	17.1	317.0	361.7	1.1	29.4	7.2	42.
20.1	57.7	5724.7	500.0	-12.0	-41.6	214.1	21.1	17.6	12.0	316.4	361.3	0.2	7.8	9.2	99.
21.4	61.0	6154.5	475.0	-14.0	-44.6	214.0	20.3	17.2	10.8	319.8	370.0	0.0	1.0	11.0	59.
23.3	64.4	6572.4	450.0	-19.0	-61.4	235.0	20.5	17.5	12.2	322.6	372.7	0.0	1.0	12.4	59.
24.9	67.7	6967.5	425.0	-23.5	-64.0	235.0	21.3	17.5	16.9	325.0	375.0	0.0	1.0	14.8	58.
26.4	71.0	7443.7	400.0	-23.0	-64.6	211.6	27.2	21.3	16.9	325.0	375.0	0.0	1.0	17.2	54.
28.5	74.4	7913.9	375.0	-27.8	-62.3	231.5	26.1	22.2	17.6	326.1	375.3	0.0	2.2	20.4	57.
30.4	78.7	8406.7	350.0	-32.7	-62.3	231.9	24.8	24.6	17.9	327.2	375.3	0.0	2.2	23.6	56.
32.2	82.6	8924.9	325.0	-34.0	-71.4	229.1	30.5	25.1	10.4	324.7	375.7	0.0	1.0	26.8	54.
34.1	86.7	9464.0	300.0	-34.7	-71.4	233.1	29.2	23.3	17.3	326.3	375.9	0.0	603.3	30.0	59.
36.7	91.2	10077.8	275.0	-34.9	-71.4	232.2	31.2	32.7	17.4	327.1	375.9	0.0	900.9	34.1	59.
38.7	95.4	10717.5	250.0	-45.5	-71.4	240.2	41.7	36.2	20.7	327.0	375.9	0.0	900.9	40.2	55.
40.9	100.7	11410.0	225.0	-51.2	94.3	237.6	45.0	39.0	24.1	340.1	375.9	0.0	900.9	45.2	56.
43.7	106.2	12167.1	200.0	-55.6	17.0	241.3	46.4	41.1	24.4	343.4	375.9	0.0	900.9	49.7	56.
46.5	112.0	12907.1	175.0	-61.7	74.2	244.5	46.9	42.3	20.1	345.2	375.9	0.0	900.9	54.2	57.
49.7	118.3	13644.9	150.0	-66.6	94.0	242.5	36.1	32.6	17.0	355.3	375.9	0.0	900.9	62.4	57.
53.3	125.3	15043.9	125.0	-66.8	74.9	244.9	32.9	26.6	14.0	363.5	375.9	0.0	900.9	72.2	58.
57.6	133.0	16750.1	100.0	-72.4	54.9	247.4	28.1	25.9	17.0	375.9	375.9	0.0	900.9	78.4	59.
63.2	141.0	18069.0	75.0	-66.0	54.9	250.5	8.0	7.6	2.7	434.5	509.9	0.0	900.9	85.7	59.
70.9	149.7	20254.8	50.0	-58.9	94.0	46.7	1.2	-0.9	-0.8	504.8	509.9	0.0	900.9	94.1	59.
83.3	158.7	24962.1	25.0	-53.9	66.9	129.4	2.5	-1.9	1.6	636.6	509.9	0.0	900.9	94.2	59.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEX28 APRIL 1975
1115 GMT

TIME MIN	CMCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
00	12.0	873.0	912.6	7.2	-7.2	330.0	4.2	2.1	-3.6	288.1	294.9	2.4	35.0	0.0	0.
01	09.9	999.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
02	09.9	999.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
03	09.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
04	09.9	999.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
05	13.2	989.4	900.0	15.4	-8.0	312.4	10.6	7.9	-7.2	297.8	306.9	3.2	25.9	0.2	136.
06	14.4	1227.7	875.0	14.4	-5.6	31.0	9.1	4.5	-7.9	299.2	317.5	2.9	24.6	0.7	139.
07	17.6	1471.8	850.0	13.3	-6.9	372.2	7.1	2.7	-6.5	300.4	308.2	2.7	23.8	1.2	146.
08	20.9	1721.6	825.0	11.8	-8.2	349.5	4.7	0.9	-4.6	301.4	308.7	2.5	23.9	1.4	149.
09	22.2	1978.2	800.0	9.6	-10.0	351.6	3.8	0.6	-3.8	301.7	309.3	2.2	24.0	1.6	152.
10	24.7	2240.5	775.0	7.5	-11.7	349.3	4.7	0.9	-4.6	302.2	308.2	2.0	24.0	1.9	154.
11	27.1	2509.6	750.0	6.6	-13.6	286.3	8.3	7.6	-2.2	308.0	309.4	1.8	21.8	2.1	152.
12	29.7	2787.4	725.0	6.0	-14.2	271.6	16.4	16.3	-0.5	308.2	311.6	1.8	21.9	2.6	139.
13	32.4	3073.7	700.0	4.2	-14.9	261.8	19.3	18.8	2.7	307.4	312.7	1.7	23.3	3.4	125.
14	35.2	3349.7	675.0	2.8	-17.3	250.2	21.1	19.9	7.2	309.0	313.6	1.5	21.0	4.3	113.
15	37.9	3673.5	650.0	1.7	-15.7	236.0	23.0	19.1	14.9	311.0	316.4	1.7	26.0	5.3	102.
16	40.6	3968.2	625.0	-0.9	-16.9	231.3	23.6	18.4	14.6	311.6	317.7	1.6	29.4	6.3	91.
17	43.5	4122.3	600.0	-3.7	-17.6	226.2	22.5	17.0	14.7	312.0	317.0	1.6	33.0	7.4	85.
18	46.6	4647.0	575.0	-6.1	-18.0	224.6	25.3	17.8	18.0	313.0	318.1	1.6	38.3	8.6	78.
19	49.8	4903.7	550.0	-8.4	-20.3	226.7	33.2	24.1	22.7	314.3	318.7	1.4	37.3	10.4	72.
20	52.9	5252.7	525.0	-11.1	-22.7	228.5	31.1	23.3	20.6	315.1	317.6	0.7	24.0	13.1	67.
21	56.0	5726.0	500.0	-12.9	-25.2	235.8	26.9	22.2	15.1	317.3	319.1	0.5	18.0	15.0	61.
22	59.4	6114.7	475.0	-14.3	-28.4	240.4	25.9	22.5	12.8	317.8	319.3	0.4	18.7	17.3	64.
23	61.1	6518.9	450.0	-16.5	-30.5	236.6	29.6	22.2	14.6	318.7	320.0	0.4	20.3	19.6	63.
24	66.7	6941.6	425.0	-22.4	-38.9	238.4	26.9	22.9	14.1	321.2	321.3	0.3	20.5	22.0	63.
25	70.4	7383.8	400.0	-25.9	-41.4	238.1	29.5	25.1	15.6	321.3	322.2	0.2	21.6	24.7	62.
26	74.3	7847.6	375.0	-29.7	-44.2	238.4	31.4	26.7	16.4	322.2	323.0	0.2	22.8	27.7	62.
27	78.7	8330.5	350.0	-32.8	-46.8	241.5	31.9	28.0	15.2	322.4	325.0	0.2	22.8	31.3	62.
28	82.8	8823.7	325.0	-36.7	-50.2	237.6	33.3	28.1	17.9	326.0	326.4	0.1	23.1	35.5	61.
29	87.2	9403.7	300.0	-40.6	-54.9	237.3	30.5	25.7	16.5	327.8	328.9	0.9	99.9	40.1	61.
30	92.2	9991.1	275.0	-44.9	-59.9	235.0	30.5	32.3	22.7	330.2	330.9	0.9	99.9	45.0	60.
31	97.0	10623.5	250.0	-48.7	-64.7	235.3	38.4	31.6	21.9	333.6	333.6	0.9	99.9	50.7	60.
32	102.3	11309.6	225.0	-53.3	-69.9	235.3	40.3	33.1	23.0	336.9	336.9	0.9	99.9	54.9	59.
33	106.3	12090.6	200.0	-58.0	-74.9	236.0	37.2	30.8	20.8	341.0	341.0	0.9	99.9	63.6	59.
34	114.3	12896.9	175.0	-61.3	-79.9	236.2	37.9	31.5	21.1	345.8	345.8	0.9	99.9	69.8	59.
35	121.0	13648.0	150.0	-71.1	-89.9	236.8	35.9	31.1	18.1	351.3	351.3	0.9	99.9	77.2	59.
36	128.3	14967.8	125.0	-74.6	-99.9	235.3	27.3	23.3	13.7	378.0	378.0	0.9	99.9	85.2	59.
37	136.3	16329.5	100.0	-66.5	-99.9	233.4	25.3	20.3	15.1	399.3	399.3	0.9	99.9	93.0	58.
38	144.0	18078.7	75.0	-64.7	-99.9	234.8	8.4	8.1	2.5	437.3	437.3	0.9	99.9	98.8	58.
39	152.7	20593.5	50.0	-60.7	-99.9	99.9	99.9	99.9	99.9	500.6	500.6	0.9	99.9	999.9	999.9
40	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENN

20 APRIL 1975

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

198 19.1

TIME MIN	CNTCT	WEIGHT	PRES	TEMP	DEW PT	DIP	SPEED	U COMP	V COMP	POT Y	F POT Y	MR RYD	RM	RANGE	AZ
				°C	°C	°C	M/SEC	M/SEC	M/SEC	MG	UG	CM/4G	PCT	FM	°C
00.0	5.4	180.0	931.4	20.0	18.1	18.0	4.2	0.0	4.2	295.7	370.4	13.4	89.0	0.0	0.0
00.3	99.9	99.9	1000.0	93.9	90.9	90.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.5	6.5	328.6	971.0	20.5	18.5	18.5	10.5	0.4	-6.3	207.5	373.6	12.2	77.5	0.7	73.0
1.3	1.5	549.3	951.0	20.0	14.9	20.4	10.2	13.0	2.3	299.0	323.1	11.3	72.6	0.9	59.0
2.2	10.5	900.0	925.0	17.4	14.3	25.2	18.5	15.6	4.2	300.7	330.7	11.2	72.2	1.9	67.0
3.0	12.5	1015.5	903.0	17.4	14.1	25.6	18.5	13.9	4.1	331.5	331.5	11.4	81.2	2.6	69.0
4.0	14.7	1237.0	877.0	18.2	14.5	25.1	12.5	11.4	4.0	331.1	331.1	11.2	80.4	3.4	70.0
5.0	16.7	1501.6	848.0	18.1	14.2	24.9	11.3	11.4	4.4	331.3	331.3	10.6	84.5	4.1	70.0
5.9	18.9	1752.5	825.0	17.9	14.0	24.3	11.3	9.9	5.4	332.0	331.1	6.6	81.9	4.7	69.0
6.9	21.0	2010.0	805.0	17.4	13.8	23.6	12.4	10.4	6.4	333.9	315.6	4.1	80.6	5.4	69.0
7.9	23.3	2276.8	775.0	17.1	13.5	23.1	13.6	11.9	6.6	335.1	314.9	3.3	83.5	6.1	67.0
8.9	25.6	2546.7	750.0	16.6	13.2	22.4	14.2	12.1	6.7	336.2	313.6	2.5	86.4	7.0	66.0
9.9	27.9	2820.0	725.0	16.0	12.9	21.7	14.5	12.5	7.2	338.1	311.2	1.7	89.7	7.8	65.0
11.0	30.4	3111.5	700.0	15.3	12.5	21.1	15.5	14.0	6.8	340.8	316.0	1.7	92.1	8.9	65.0
12.2	32.9	3413.7	675.0	14.8	12.1	20.4	16.3	15.3	5.8	343.4	319.7	1.7	94.2	10.0	65.0
13.3	35.4	3722.5	650.0	14.3	11.7	19.7	16.7	15.3	5.3	346.3	319.5	1.6	96.0	11.2	64.0
14.6	37.9	4040.0	625.0	13.6	11.3	19.0	17.0	14.2	4.8	349.5	319.9	1.7	97.5	12.2	64.0
15.8	40.5	4367.5	600.0	12.9	10.9	18.3	16.4	13.1	6.3	352.2	319.2	1.3	99.0	13.4	67.0
17.1	43.2	4705.5	575.0	12.2	10.5	17.6	15.8	14.8	5.6	355.4	322.1	1.9	100.4	14.6	67.0
18.3	45.0	5055.5	550.0	11.5	10.2	16.9	15.3	14.0	3.4	358.6	325.7	2.4	101.9	15.9	67.0
19.6	47.0	5417.5	525.0	10.8	9.8	16.2	14.4	13.0	3.4	361.4	328.4	2.6	103.4	17.3	68.0
21.0	51.8	5793.5	500.0	10.2	9.4	15.5	13.4	12.0	4.1	364.3	324.4	1.9	104.9	18.6	69.0
22.6	55.0	6187.5	475.0	9.5	9.0	14.8	12.6	11.0	5.0	367.9	324.7	1.4	106.4	20.0	70.0
24.3	58.0	6594.9	450.0	8.8	8.6	14.1	11.9	10.2	5.4	371.1	321.6	1.4	107.9	21.4	70.0
26.0	61.4	7010.3	425.0	8.1	8.2	13.4	11.3	9.5	4.5	374.7	327.1	1.0	109.4	22.8	71.0
27.7	64.9	7435.5	400.0	7.4	7.8	12.7	10.6	8.8	3.1	378.5	326.4	0.5	110.9	24.2	72.0
29.4	68.3	7872.0	375.0	6.7	7.4	12.0	9.9	8.1	1.9	382.1	324.4	0.5	112.4	25.6	73.0
31.2	71.8	8325.1	350.0	6.0	6.9	11.3	9.2	7.4	1.9	385.1	329.0	0.5	113.9	27.0	73.0
33.0	75.8	8797.1	325.0	5.3	6.5	10.6	8.5	6.7	2.9	388.7	330.0	0.4	115.4	28.4	74.0
35.0	80.0	9301.8	300.0	4.6	6.1	9.9	7.8	6.0	0.2	392.9	331.0	0.3	116.9	29.8	74.0
37.4	84.2	10034.3	275.0	3.9	5.7	9.2	7.1	5.3	0.9	397.9	331.9	99.9	118.4	31.2	75.0
40.1	88.6	10726.8	250.0	3.2	5.3	8.5	6.4	4.6	2.9	403.6	336.6	99.9	119.9	32.6	77.0
42.7	93.6	11413.1	225.0	2.5	4.9	7.8	5.7	3.9	3.2	409.4	336.4	99.9	121.4	34.0	77.0
45.5	98.6	12100.4	200.0	1.8	4.5	7.1	5.0	3.2	3.9	415.1	336.4	99.9	122.9	35.4	78.0
48.5	104.3	12933.9	175.0	1.1	4.1	6.4	4.3	2.5	2.6	421.3	336.4	99.9	124.4	36.8	78.0
52.0	110.8	13914.2	150.0	0.4	3.7	5.7	3.6	1.8	-5.7	427.1	336.4	99.9	125.9	38.2	81.0
56.1	117.7	15013.4	125.0	-0.3	3.3	5.0	2.9	1.1	-8.1	432.9	336.4	99.9	127.4	39.6	82.0
61.1	126.0	16362.5	100.0	-1.0	2.9	4.3	2.2	0.4	-7.5	438.7	336.4	99.9	128.9	41.0	84.0
67.3	135.7	18092.5	75.0	-1.7	2.5	3.6	1.5	-0.7	-5.9	444.5	336.4	99.9	130.4	42.4	86.0
76.3	146.0	20595.6	50.0	-2.4	2.1	2.9	0.8	-1.4	-0.9	450.3	336.4	99.9	131.9	43.8	88.0
90.1	186.0	25023.7	25.0	-3.1	1.7	2.2	0.1	-2.1	-3.4	456.1	336.4	99.9	133.4	45.2	89.0

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

BY TEMP MEANS TEMPERATURE ON TIME PAVT BEEN INTERPOLATED

BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 340
LITTLE ROCK, ARK

20 APRIL 1975
1115 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT V DG K	MR HTC GPM	RH PCT	RANGE KM	AZ DG
0.0	5.7	79.0	1001.4	20.0	17.2	200.0	2.6	0.9	2.4	294.7	327.1	12.5	94.0	0.0	0.0
0.1	6.0	91.1	1000.0	19.7	17.0	201.3	2.1	2.0	0.7	294.5	329.1	12.9	88.4	0.1	159
0.7	8.3	309.6	975.0	18.5	17.2	246.5	3.9	3.5	1.7	295.5	329.8	12.9	92.0	0.1	130
1.5	10.4	532.9	955.0	17.8	16.6	227.3	11.7	8.6	4.0	297.0	339.2	12.6	92.5	0.5	57
2.3	12.6	761.9	925.0	17.8	16.3	224.5	14.0	10.5	9.3	299.2	332.9	12.7	91.0	1.1	46
3.1	14.9	906.7	900.0	16.8	15.1	234.1	15.8	13.4	8.3	300.4	332.7	12.1	89.8	1.8	49
4.7	17.1	1237.2	875.0	15.4	14.0	248.5	15.4	14.4	5.6	301.4	332.5	11.6	91.0	2.4	54
5.6	19.5	1453.3	850.0	14.0	12.5	254.4	15.7	15.2	4.2	302.3	331.5	10.8	90.4	3.3	59
6.4	21.8	1735.3	825.0	12.5	11.0	254.1	13.8	13.4	3.3	303.2	330.6	10.0	92.1	4.1	61
7.4	24.3	1531.4	800.0	10.3	8.9	251.0	13.4	12.6	4.4	303.3	328.1	9.8	90.9	4.9	63
8.4	26.6	2257.4	775.0	8.2	5.0	245.2	13.0	11.8	5.5	303.6	323.4	7.1	80.6	5.6	64
9.4	29.2	4527.8	750.0	6.7	2.2	239.2	12.3	10.5	6.3	304.6	321.6	6.0	73.2	6.2	64
10.4	32.0	2606.2	725.0	6.4	-4.4	235.8	12.3	10.2	6.6	306.8	319.0	3.8	45.6	7.0	63
11.4	34.9	3093.4	700.0	4.0	-0.1	232.8	13.1	10.4	7.5	307.6	323.2	5.4	78.4	7.6	62
12.2	40.2	3398.7	675.0	2.3	-18.2	222.0	15.6	15.4	11.4	309.6	317.5	3.0	45.0	8.3	61
13.1	42.9	4062.4	650.0	1.0	-40.9	217.1	20.0	12.1	16.0	310.8	311.1	0.1	1.0	9.3	50
14.3	45.9	4335.0	625.0	-0.9	-49.3	217.3	2.2	12.9	16.9	313.6	313.6	0.1	1.0	10.2	50
15.6	48.6	4672.6	600.0	-3.8	-50.5	216.2	21.6	11.4	14.1	315.0	315.2	0.1	1.0	12.0	54
16.9	51.4	5022.6	575.0	-5.6	-52.4	210.2	22.7	11.4	19.6	315.5	315.7	0.0	1.0	17.6	41
17.8	55.0	5395.9	550.0	-8.3	-6.3	212.1	23.0	12.2	19.5	317.8	323.2	3.7	81.3	15.1	49
18.9	59.0	5743.0	525.0	-10.9	-13.2	217.0	25.0	15.1	20.0	318.0	327.0	2.6	67.3	18.4	47
20.1	61.4	6154.7	500.0	-14.5	-18.2	224.3	28.4	19.9	20.3	320.0	325.9	1.8	59.1	18.2	47
21.5	65.0	6582.4	475.0	-16.8	-22.2	225.5	29.8	21.3	20.9	320.2	324.6	1.3	51.6	23.3	47
23.0	68.4	6993.4	450.0	-19.0	-34.7	222.0	31.2	20.9	23.2	322.2	323.7	0.4	19.3	22.9	46
24.5	72.0	7430.3	425.0	-21.8	-62.0	225.3	30.7	21.8	21.6	324.6	324.7	0.0	1.0	25.9	46
26.2	76.1	7911.8	400.0	-25.5	-51.6	227.5	30.4	22.4	20.5	326.7	327.0	0.1	4.7	29.4	46
27.9	80.1	84.8.1	375.0	-29.7	-41.5	229.8	28.1	21.3	17.0	327.4	327.9	0.0	3.3	31.2	44
30.0	84.2	8931.5	350.0	-36.1	-46.3	236.8	26.4	22.1	18.2	328.6	329.6	0.3	30.7	34.1	47
32.0	88.5	9488.0	325.0	-37.9	-74.4	243.5	34.3	30.7	14.5	329.5	330.2	0.2	28.1	37.5	47
33.9	93.3	10081.3	275.0	-42.9	99.0	245.3	32.7	26.7	13.7	331.1	331.8	0.0	1.0	41.4	48
35.9	98.2	10717.2	250.0	-48.0	99.9	252.4	29.5	28.1	8.9	334.8	334.8	99.9	99.9	44.7	50
38.1	103.4	11494.1	225.0	-53.2	99.9	248.3	34.3	31.8	12.7	337.0	337.0	99.9	99.9	48.1	51
40.5	109.3	12150.6	200.0	-59.9	99.9	247.8	39.3	36.1	14.8	337.9	337.9	99.9	99.9	52.3	53
43.2	115.2	12475.9	175.0	-63.5	99.9	257.9	47.4	46.4	9.9	345.2	345.2	99.9	99.9	57.7	54
45.7	122.6	13416.3	150.0	-66.4	99.9	261.0	30.3	29.6	4.7	352.7	352.7	99.9	99.9	63.4	56
48.4	129.7	15016.5	125.0	-67.1	99.9	237.4	25.4	21.4	13.7	377.8	377.8	99.9	99.9	68.6	58
50.1	146.0	18111.8	75.0	-64.6	99.9	266.2	10.7	10.7	0.7	398.1	398.1	99.9	99.9	77.6	59
58.3	155.7	20592.6	50.0	-61.1	99.9	110.0	2.6	-2.6	-0.3	437.4	437.4	99.9	99.9	84.7	60
68.0	168.7	24989.3	25.0	-57.3	99.9	34.2	3.0	-2.9	1.0	499.7	499.7	99.9	99.9	88.7	60
							7.0	-7.0	0.5	631.9	631.9	99.9	99.9	93.3	59

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETTE, MO

28 APRIL 1975
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

155 13. 1

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	DOT Y CG K	E DOT Y DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	10.1	438.0	537.7	13.6	12.7	200.0	5.2	1.8	4.9	291.6	316.7	9.7	94.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	10.6	566.3	950.0	14.2	12.1	233.6	3.6	3.1	2.3	292.9	317.5	9.4	97.1	0.3	18.
1.1	12.9	732.5	925.0	16.4	-1.1	248.4	7.7	7.2	2.8	296.6	307.2	3.8	30.1	0.6	41.
2.0	15.2	905.1	900.0	15.6	-10.2	253.3	12.2	11.7	3.5	297.9	303.6	2.0	15.9	1.2	55.
2.8	17.5	1202.8	1202.8	13.8	-13.7	258.8	14.1	13.9	2.6	298.3	302.8	1.5	13.4	1.6	62.
3.8	20.0	1466.1	850.0	12.7	-17.1	261.1	14.5	18.3	2.9	298.6	303.2	1.2	10.9	2.7	69.
4.7	22.2	1670.6	825.0	12.7	-18.5	252.3	14.3	18.4	5.9	302.2	305.5	1.1	9.6	3.7	71.
5.5	24.8	1833.4	800.0	10.6	-13.2	240.0	17.3	13.4	0.9	302.6	307.9	1.8	17.7	4.7	70.
6.4	27.2	2216.5	775.0	9.5	-12.5	229.6	21.1	18.0	13.6	304.3	310.0	1.9	20.0	5.7	67.
7.4	29.9	2488.2	750.0	8.5	-20.0	230.1	21.7	16.6	13.9	305.9	309.2	1.0	11.3	6.9	64.
8.4	32.6	2757.1	725.0	6.4	-22.5	234.8	23.7	19.4	13.7	306.5	309.3	0.9	10.5	8.2	62.
9.4	35.2	3058.5	700.0	7.1	-20.7	241.2	29.2	25.6	14.1	310.5	313.8	1.1	11.7	9.7	61.
10.5	37.9	3352.4	675.0	5.1	-19.1	243.3	32.5	29.0	14.6	311.5	315.5	1.2	15.3	11.8	62.
11.7	40.6	3659.1	650.0	2.6	-14.7	248.4	33.6	30.3	14.5	312.1	316.4	1.3	18.9	14.2	62.
12.9	43.4	3974.4	625.0	-0.4	-19.3	245.0	34.9	31.6	14.7	312.2	316.4	1.3	22.3	17.8	62.
14.2	46.3	4209.0	600.0	-3.3	-20.4	245.7	34.6	31.5	14.3	312.4	316.4	1.3	25.1	19.5	63.
15.5	49.4	4633.3	575.0	-5.0	-30.2	240.9	34.4	30.0	16.8	314.2	316.0	0.5	11.7	22.1	61.
16.7	52.3	4982.0	550.0	-7.4	-34.2	233.8	32.2	26.0	15.0	315.3	316.7	0.4	9.5	24.6	62.
18.0	55.4	5342.3	525.0	-10.2	-33.1	229.3	31.4	23.8	20.5	316.1	317.7	0.4	13.3	26.9	61.
19.3	58.5	5716.5	500.0	-12.5	-27.3	228.3	36.5	27.3	24.3	317.9	320.6	0.8	28.1	29.5	60.
20.8	61.9	6107.5	475.0	-13.8	-35.6	227.2	39.6	28.1	24.2	320.9	322.3	0.4	13.9	32.9	59.
22.1	65.3	6516.9	450.0	-16.3	-39.3	224.3	32.5	22.7	23.3	322.7	323.8	0.3	12.9	35.4	58.
23.6	69.6	6944.9	425.0	-19.0	-45.3	225.7	39.1	28.0	27.3	324.6	325.2	0.2	7.6	38.4	57.
25.2	72.1	7393.2	400.0	-22.7	-47.7	225.9	38.5	27.6	26.8	325.5	326.0	0.1	8.0	42.1	56.
26.7	75.8	7843.7	375.0	-26.1	-49.0	218.6	24.1	17.5	22.0	327.0	327.5	0.1	9.4	44.9	55.
28.5	79.9	8359.2	350.0	-30.2	-46.8	224.8	51.4	36.5	36.8	328.0	328.6	0.2	18.1	49.1	54.
30.4	83.8	8832.4	325.0	-34.0	-47.3	214.2	25.2	16.4	24.2	329.8	330.4	0.2	24.4	54.0	53.
32.4	88.0	9430.2	300.0	-38.3	-46.7	211.7	41.8	25.0	33.5	331.3	332.1	0.2	40.3	57.4	52.
34.1	92.5	10029.7	275.0	-44.0	99.9	222.7	50.5	34.2	37.1	331.5	331.9	99.9	99.9	62.2	51.
36.1	97.0	10661.8	250.0	-49.0	99.9	221.6	38.6	25.6	28.9	333.2	334.0	99.9	99.9	64.2	50.
38.6	102.0	11345.7	225.0	-54.1	99.9	223.7	30.8	21.3	22.9	335.7	335.7	99.9	99.9	72.7	50.
41.1	107.5	12078.1	200.0	-59.0	99.9	236.6	40.8	34.1	22.5	338.3	338.3	99.9	99.9	77.6	50.
44.1	113.3	12927.2	175.0	-62.1	99.9	238.5	41.6	35.9	21.1	347.4	347.4	99.9	99.9	85.8	50.
47.3	119.5	13884.0	150.0	-60.7	99.9	239.2	32.2	27.4	17.9	365.6	365.6	99.9	99.9	93.0	51.
51.3	126.5	15017.2	125.0	-62.0	99.9	239.8	12.0	10.3	6.2	342.7	342.7	99.9	99.9	96.7	51.
56.0	134.3	16337.6	100.0	-64.1	99.9	13.1	4.7	-1.1	-4.6	408.0	408.0	99.9	99.9	103.0	52.
62.1	142.0	18165.6	75.0	-60.9	99.9	232.9	12.2	9.7	7.4	445.2	445.2	99.9	99.9	104.0	52.
70.3	150.5	20684.5	50.0	-58.1	99.9	68.3	12.0	-11.1	-4.4	506.7	506.7	99.9	99.9	105.4	51.
82.6	159.5	25121.9	25.0	-48.6	99.9	64.2	5.8	-5.2	-2.5	645.1	645.1	99.9	99.9	108.8	49.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY OKC

28 APRIL 1975
1115 GMT

150 10. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WK RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	9.1	392.0	562.2	8.3	0.5	240.0	5.2	4.5	2.6	295.1	295.1	4.1	58.0	0.0	0.
99.9	99.9	99.9	1050.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	10.1	400.0	575.0	17.0	6.2	359.1	7.6	0.1	-7.0	275.1	275.1	6.4	49.6	1.0	75.
1.2	12.1	725.4	925.0	15.9	-1.3	286.1	1.8	13.3	-3.6	255.9	255.9	3.8	31.0	1.2	89.
2.1	14.4	958.2	950.0	14.3	-2.9	272.6	14.2	14.2	-0.6	296.7	296.7	3.4	30.2	2.1	92.
2.9	16.5	1195.5	875.0	13.7	-4.5	263.7	17.5	17.4	1.0	298.4	298.4	3.1	27.9	2.8	91.
3.8	13.8	1439.1	850.0	12.6	-5.8	262.7	18.6	18.6	2.4	299.8	299.8	2.9	27.0	3.8	88.
4.9	21.0	1669.7	825.0	11.2	-7.0	266.1	17.6	17.6	1.2	300.8	300.8	2.6	26.0	4.9	86.
5.7	23.5	715.1	800.0	10.1	-8.5	261.9	19.0	14.8	2.7	302.3	302.3	2.5	25.0	5.9	87.
6.7	25.8	4208.3	775.0	8.9	-9.9	252.2	19.3	17.4	5.4	303.7	303.7	2.3	25.2	6.9	83.
7.7	29.3	2377.6	750.0	6.8	-10.0	242.2	20.3	18.0	5.3	305.5	305.5	2.4	25.1	8.0	83.
8.8	32.9	2755.6	725.0	6.2	-12.3	234.3	22.8	19.4	12.0	306.5	306.5	2.1	25.2	9.3	87.
9.3	33.6	3048.8	700.0	4.1	-14.0	237.3	25.9	21.8	14.0	307.2	307.2	1.9	25.3	10.7	77.
11.0	36.0	3360.3	675.0	4.0	-14.1	233.4	32.1	26.7	19.1	310.4	310.4	1.9	25.3	12.6	73.
12.3	38.8	3646.8	650.0	2.8	-14.3	231.0	37.0	28.7	23.3	312.3	312.3	1.9	27.0	15.2	70.
13.5	41.4	3862.3	625.0	-0.2	-15.4	231.7	37.4	29.4	23.2	312.4	312.4	1.9	30.7	17.9	67.
14.6	44.3	4287.4	600.0	-3.1	-14.5	234.6	34.0	31.0	23.0	312.6	312.6	2.1	40.8	20.3	65.
15.8	47.4	4902.5	575.0	-6.2	-17.8	238.8	37.8	32.4	14.6	312.9	312.9	1.6	39.0	23.1	64.
17.2	50.4	4968.4	550.0	-9.3	-19.8	242.4	41.5	36.4	14.3	313.2	313.2	1.4	42.1	26.2	64.
18.8	53.5	5226.1	525.0	-12.5	-22.6	243.8	42.2	37.9	18.6	313.5	313.5	1.2	42.5	30.4	64.
20.2	55.6	5638.9	500.0	-14.6	-27.9	244.2	35.0	31.5	15.2	315.3	315.3	0.6	25.8	31.7	64.
21.8	57.9	6044.4	475.0	-16.3	-30.9	238.4	30.7	26.2	16.1	317.5	317.5	0.6	26.8	36.4	64.
23.3	63.4	6412.0	450.0	-18.9	-33.2	239.3	30.7	26.4	15.7	319.4	319.4	0.5	26.8	39.5	67.
25.0	66.2	6912.0	425.0	-22.2	-36.1	231.7	34.9	29.8	18.2	320.5	320.5	0.4	26.9	43.1	67.
26.7	70.5	7308.1	400.0	-24.4	-38.0	235.1	37.3	31.1	21.7	323.2	323.2	0.4	27.0	46.7	67.
28.5	74.3	7725.4	375.0	-28.3	-41.4	235.5	34.0	29.7	24.4	324.0	324.0	0.3	27.1	50.5	62.
30.3	74.5	8113.4	350.0	-32.0	-44.6	229.2	34.0	25.7	22.2	325.5	325.5	0.2	27.2	54.6	61.
32.3	64.5	8132.6	325.0	-33.9	-44.0	239.4	43.9	33.3	24.5	327.1	327.1	0.1	27.3	58.4	60.
34.5	64.9	9318.7	300.0	-37.5	-49.3	230.2	70.3	54.0	45.0	329.6	329.6	0.0	99.9	61.1	59.
36.8	91.6	9774.6	275.0	-43.6	-57.9	99.9	99.9	99.9	99.9	332.1	332.1	99.9	99.9	99.9	99.9
39.1	96.4	10503.6	250.0	-48.6	-59.9	99.9	99.9	99.9	99.9	333.8	333.8	99.9	99.9	99.9	99.9
41.8	101.6	11292.4	225.0	-54.4	-59.9	99.9	99.9	99.9	99.9	335.2	335.2	99.9	99.9	99.9	99.9
44.6	107.5	12137.2	200.0	-59.6	-59.9	99.9	99.9	99.9	99.9	334.5	334.5	99.9	99.9	99.9	99.9
48.3	113.7	12875.2	175.0	-63.0	-59.9	99.9	99.9	99.9	99.9	351.0	351.0	99.9	99.9	99.9	99.9
52.0	120.3	13613.7	150.0	-59.7	-59.9	99.9	99.9	99.9	99.9	367.2	367.2	99.9	99.9	99.9	99.9
56.4	127.7	14574.3	125.0	-57.9	-59.9	99.9	99.9	99.9	99.9	367.7	367.7	99.9	99.9	99.9	99.9
62.0	136.0	16341.3	100.0	-60.6	-59.9	99.9	99.9	99.9	99.9	410.6	410.6	99.9	99.9	99.9	99.9
68.6	144.0	18131.0	75.0	-64.3	-59.9	99.9	99.9	99.9	99.9	438.2	438.2	99.9	99.9	99.9	99.9
77.8	152.7	20646.7	50.0	-63.5	-59.9	99.9	99.9	99.9	99.9	501.0	501.0	99.9	99.9	99.9	99.9
91.7	161.7	25086.2	25.0	-53.2	-59.9	99.9	99.9	99.9	99.9	632.2	632.2	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEX28 APRIL 1975
1115 GMT

150 18. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	14.1	1095.0	883.2	11.6	-7.2	280.0	12.3	12.1	-2.1	295.4	302.6	2.5	26.0	3.0	0.
96.9	98.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	14.4	1175.0	875.0	11.6	-7.2	280.0	22.7	21.9	-6.0	296.2	307.4	2.5	26.0	3.0	0.
1.0	16.7	1415.1	850.0	11.3	-7.5	280.0	25.3	24.1	-7.9	294.3	305.7	2.6	26.0	3.0	0.
1.7	14.0	1415.1	825.0	10.1	-9.6	282.1	24.0	22.7	-9.2	292.5	306.1	2.2	23.9	3.2	108.
2.4	21.0	1415.1	800.0	9.9	-11.6	284.8	21.7	19.7	-9.1	301.9	307.8	2.0	20.9	3.2	110.
3.2	23.3	2151.4	775.0	8.5	-12.7	281.1	20.1	18.8	-7.2	303.2	308.8	1.9	20.7	4.2	111.
3.7	25.5	2311.8	750.0	6.5	-14.3	286.6	18.9	18.1	-5.4	303.8	308.9	1.7	20.8	5.0	110.
4.6	27.8	2711.5	725.0	4.7	-15.8	280.2	19.7	19.4	-3.5	304.8	309.5	1.5	20.9	5.9	109.
5.4	32.3	3011.8	700.0	3.4	-16.8	272.2	21.9	21.8	-0.4	306.5	311.0	1.5	21.0	6.6	108.
6.1	32.8	3337.8	675.0	1.8	-18.1	262.5	22.2	22	2.9	307.8	312.1	1.4	21.1	7.7	107.
6.9	35.3	3511.2	650.0	0.1	-19.5	257.4	24.4	23.7	5.7	309.2	313.2	1.3	21.2	8.5	102.
7.6	37.8	3824.0	625.0	-2.2	-21.3	253.1	25.7	24.6	7.5	310.1	313.6	1.1	21.3	9.7	99.
8.3	40.4	4246.8	600.0	-4.7	-23.4	252.4	26.3	25.1	8.0	310.7	313.8	1.0	21.5	10.8	96.
9.3	43.0	4579.8	575.0	-7.4	-25.6	249.2	27.3	25.5	9.7	311.3	314.0	0.8	21.6	12.1	93.
10.2	45.9	4923.5	550.0	-10.4	-28.1	246.0	29.9	27.8	11.0	311.8	314.0	0.7	21.8	13.4	90.
11.0	48.8	5230.7	525.0	-12.2	-30.4	248.0	31.2	29.0	11.7	313.4	315.7	0.6	22.2	14.9	88.
11.9	51.6	5633.2	500.0	-13.6	-31.8	245.2	30.1	27.3	12.6	316.5	318.3	0.5	19.7	16.5	86.
12.9	54.6	6080.7	475.0	-16.7	-34.3	245.1	28.4	25.9	12.0	317.4	319.9	0.4	20.0	18.1	84.
14.0	57.8	6444.4	450.0	-20.0	-37.0	245.5	28.5	26.0	11.8	318.0	319.2	0.3	20.2	19.8	82.
15.1	61.1	6845.2	425.0	-23.5	-39.0	243.7	30.0	26.9	13.3	318.8	319.9	0.3	22.6	21.9	81.
16.4	64.6	7305.2	400.0	-27.2	-42.0	241.2	29.3	24.8	13.6	319.6	320.4	0.2	22.8	23.9	79.
17.9	68.0	7757.1	375.0	-31.0	-44.4	247.4	34.7	32.2	13.4	321.9	322.6	0.2	22.9	26.4	77.
19.2	71.6	8255.2	350.0	-33.4	-47.3	245.3	32.0	29.4	13.7	321.6	324.2	0.1	23.1	28.4	77.
20.5	75.5	8770.7	325.0	-37.8	-50.8	242.4	30.4	27.3	14.7	324.5	324.9	0.1	23.9	31.6	75.
22.1	79.7	9317.0	300.0	-42.6	-54.9	241.3	34.8	31.1	15.7	325.4	325.9	99.9	99.9	34.8	74.
23.8	84.0	9898.2	275.0	-47.3	-59.9	245.4	34.1	31.0	14.2	326.7	326.9	99.9	99.9	34.2	74.
25.4	89.4	10521.7	250.0	-52.5	-64.9	244.4	41.5	37.5	17.9	328.0	328.0	99.9	99.9	41.8	73.
27.4	93.4	11141.0	225.0	-56.9	-69.7	237.4	31.2	26.3	16.2	334.4	334.4	99.9	99.9	45.0	72.
30.0	98.5	11950.9	200.0	-55.4	-69.0	233.1	37.4	29.9	22.4	344.3	344.3	99.9	99.9	52.0	70.
32.6	104.3	12797.2	175.0	-59.3	-69.9	231.0	24.5	16.3	18.4	351.6	351.6	99.9	99.9	55.7	69.
35.6	110.8	13764.4	150.0	-59.7	-69.9	230.4	44.5	37.1	24.0	367.3	367.3	99.9	99.9	61.7	66.
38.5	117.8	14903.3	125.0	-53.9	-69.9	226.6	26.6	19.3	19.3	384.5	384.5	99.9	99.9	67.1	65.
43.4	126.0	16250.2	100.0	-57.2	-69.9	237.2	17.0	15.9	10.3	413.3	413.3	99.9	99.9	75.0	64.
47.6	136.0	18072.0	75.0	-61.0	-69.9	101.4	4.3	-4.2	0.8	445.1	445.1	99.9	99.9	79.0	64.
55.1	147.0	20593.8	50.0	-56.5	-69.9	210.2	6.7	3.4	5.8	507.4	507.4	99.9	99.9	80.7	63.
66.8	159.5	25044.8	25.0	-52.3	-69.9	93.1	5.3	-5.3	0.3	614.4	614.4	99.9	99.9	79.2	62.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 437
SALEM, ILL
28 APRIL 1975
1115 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO CM/KG	RH PCT	161 RANGE KM	18. 0 RANGE KM	AZ DG
0.0	5.5	175.0	987.5	16.1	16.1	130.0	3.2	-2.5	2.1	291.8	322.1	11.8	100.0	9.0	9.0	0.
95.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	6.5	234.3	575.0	17.2	17.0	99.9	99.9	99.9	99.9	298.8	327.6	12.6	94.7	99.9	99.9	99.9
1.1	8.5	533.2	533.0	19.2	17.3	99.9	99.9	99.9	99.9	294.4	333.2	13.2	84.4	99.9	99.9	99.9
1.8	10.5	731.5	425.0	19.4	15.8	99.9	99.9	99.9	99.9	307.9	333.9	12.4	79.5	99.9	99.9	99.9
2.5	12.6	974.2	405.0	17.7	13.0	99.9	99.9	99.9	99.9	301.2	329.4	10.5	73.7	99.9	99.9	99.9
3.3	14.8	1214.9	875.0	16.0	11.1	99.9	99.9	99.9	99.9	301.7	327.6	9.5	72.5	99.9	99.9	99.9
4.1	16.8	1460.5	850.0	14.0	10.1	99.9	99.9	99.9	99.9	302.0	327.1	9.2	77.5	99.9	99.9	99.9
4.9	19.1	1712.4	825.0	11.8	9.3	99.9	16.5	14.4	8.0	302.3	326.9	9.0	84.5	5.0	5.0	5.0
5.8	21.2	1965.6	805.0	9.5	7.0	99.9	16.4	13.2	6.4	302.4	325.7	8.5	90.5	5.8	5.8	5.8
6.6	23.6	2232.8	775.0	7.5	5.2	99.9	13.2	11.2	5.5	302.9	324.6	7.9	93.0	6.6	6.6	6.6
7.5	25.8	2502.9	750.0	6.2	5.2	99.9	12.2	11.2	4.7	303.1	324.9	7.4	93.0	7.3	7.3	7.3
8.5	28.3	2750.6	725.0	4.1	3.1	99.9	10.7	9.5	4.9	303.8	323.6	6.7	94.5	7.9	7.9	7.9
9.4	30.8	3005.2	700.0	1.0	-3.2	99.9	11.2	9.1	6.6	303.3	319.6	5.1	85.3	8.5	8.5	8.5
10.5	33.4	3276.7	675.0	-1.5	-6.0	99.9	11.2	10.2	6.7	303.4	315.0	3.6	71.2	9.3	9.3	9.3
11.5	35.8	3557.3	650.0	-3.0	-11.2	99.9	15.6	14.9	11.1	307.0	313.5	2.2	42.3	10.1	10.1	10.1
12.6	38.6	3908.0	625.0	-3.5	-30.4	99.9	15.6	12.4	15.2	309.5	310.1	0.5	15.5	11.2	11.2	11.2
13.5	41.1	4290.1	600.0	-3.9	-33.6	99.9	23.3	13.3	19.1	311.7	312.9	0.4	7.7	12.4	12.4	12.4
14.8	43.9	4625.2	575.0	-5.1	-28.8	99.9	26.8	14.5	20.8	315.0	315.1	0.6	13.4	13.8	13.8	13.8
15.7	46.9	4973.2	550.0	-7.2	-21.8	99.9	26.0	16.2	20.4	315.7	315.7	1.2	30.0	15.5	15.5	15.5
17.0	49.9	5333.7	525.0	-10.4	-18.3	99.9	26.5	17.7	14.7	316.2	321.7	1.7	32.4	17.7	17.7	17.7
18.4	52.8	5707.5	500.0	-13.1	-20.2	99.9	27.2	18.9	14.3	317.2	320.1	0.9	32.0	19.7	19.7	19.7
19.9	55.7	6093.8	475.0	-17.4	-27.7	99.9	27.6	18.7	14.6	318.8	321.9	0.9	39.6	21.8	21.8	21.8
20.9	59.0	6502.7	450.0	-17.7	-27.7	99.9	27.6	22.7	16.7	321.0	324.0	0.9	43.0	23.7	23.7	23.7
22.3	62.5	6929.8	425.0	-19.9	-62.6	99.9	27.6	22.3	15.2	323.4	323.5	0.0	1.0	26.0	26.0	26.0
23.7	65.8	7376.2	400.0	-22.8	-64.4	99.9	25.4	22.4	12.7	325.3	325.4	0.0	1.0	28.1	28.1	28.1
25.2	69.3	7845.0	375.0	-26.6	-52.3	99.9	24.8	21.5	12.5	326.3	326.6	0.1	6.9	33.5	33.5	33.5
27.1	73.0	8339.2	350.0	-30.4	-51.6	99.9	24.0	21.6	10.4	327.7	328.0	0.1	8.2	32.9	32.9	32.9
28.8	77.0	8971.0	325.0	-35.6	-51.6	99.9	30.0	27.4	12.2	328.6	328.7	0.1	17.4	35.8	35.8	35.8
30.6	81.0	9611.2	300.0	-39.5	-46.5	99.9	32.4	28.3	7.0	329.7	330.4	0.2	46.7	38.5	38.5	38.5
32.0	85.4	10007.2	275.0	-43.4	-46.5	99.9	14.7	17.9	5.5	331.0	331.0	0.9	99.9	40.9	40.9	40.9
34.5	90.0	10633.2	250.0	-50.0	-46.5	99.9	12.4	11.7	4.0	331.7	331.7	0.9	99.9	42.8	42.8	42.8
36.9	95.2	11313.8	225.0	-53.7	-46.5	99.9	17.4	16.9	9.6	333.2	333.2	0.9	99.9	44.4	44.4	44.4
39.1	103.4	12054.1	200.0	-51.7	-46.5	99.9	20.7	18.4	9.6	335.1	335.1	0.9	99.9	47.4	47.4	47.4
41.8	108.3	12808.9	175.0	-64.0	-46.5	99.9	19.2	16.3	11.6	337.8	337.8	0.9	99.9	50.7	50.7	50.7
45.1	112.8	13787.6	150.0	-68.7	-46.5	99.9	21.7	20.5	7.1	351.8	351.8	0.9	99.9	54.8	54.8	54.8
48.2	120.0	14901.2	125.0	-62.1	-46.5	99.9	13.2	13.2	-0.6	381.9	381.9	0.9	99.9	59.8	59.8	59.8
53.9	125.7	16241.1	100.0	-64.1	-46.5	99.9	12.7	11.9	-0.6	395.2	395.2	0.9	99.9	63.0	63.0	63.0
60.4	133.3	18000.2	75.0	-64.2	-46.5	99.9	4.2	-1.3	-4.0	438.3	438.3	0.9	99.9	63.5	63.5	63.5
66.4	149.0	20531.5	50.0	-60.4	-46.5	99.9	3.2	-3.2	0.5	501.1	501.1	0.9	99.9	61.9	61.9	61.9
82.3	161.5	24684.7	25.0	-52.1	-46.5	99.9	4.0	-3.9	-0.6	635.2	635.2	0.9	99.9	56.7	56.7	56.7

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
COOGE CITY, KAN

28 APRIL 1975
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

185 27. 1

TIME MIN	CNTCT	HEIGHT GPM	PRCS WD	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	15.0	791.0	513.5	7.6	-4.0	260.0	9.8	6.7	1.5	288.7	297.3	3.1	43.0	0.0	0.
0.9	93.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.9	99.9	99.9	995.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	4.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	100.2	1100.4	990.0	10.6	-3.4	99.9	7.2	-5.6	-4.6	292.7	293.1	1.9	20.9	1.1	87.
1.1	18.6	1147.5	875.0	11.6	-10.0	309.6	9.9	7.8	-1.7	297.1	302.0	2.0	20.9	1.2	94.
1.8	21.3	1331.6	803.0	10.7	-10.7	294.7	17.5	15.3	-9.4	297.6	303.4	2.0	20.9	1.9	102.
2.5	24.0	1634.5	825.0	9.1	-12.0	305.5	15.4	12.6	-9.0	294.4	303.9	1.6	20.9	2.6	107.
3.4	26.6	1793.5	800.0	7.4	-13.4	304.0	15.4	12.0	-8.1	299.3	304.4	1.7	21.1	3.3	112.
4.1	29.4	2173.7	775.0	5.2	-15.7	301.5	13.7	11.7	-7.2	299.6	304.2	1.5	21.2	3.9	114.
4.9	32.3	2406.1	735.0	3.1	-17.9	296.0	11.4	10.3	-4.9	300.2	303.3	1.2	21.3	4.6	115.
5.7	35.1	2631.3	735.0	0.6	-19.0	293.9	12.7	12.3	-3.3	300.2	303.3	1.2	21.4	5.1	115.
6.5	38.0	2873.6	700.0	-1.6	-20.7	273.7	14.5	14.5	-0.9	300.2	304.0	1.0	21.6	5.7	112.
7.3	40.4	3111.0	675.0	-4.9	-22.7	260.0	17.0	17.7	0.9	301.0	303.9	0.6	21.7	6.5	110.
8.1	43.9	3357.9	650.0	-8.3	-24.6	250.0	21.2	20.9	3.8	301.9	304.4	0.5	21.8	7.4	105.
9.4	47.0	3603.7	625.0	-10.0	-27.2	260.1	23.0	22.2	3.0	303.3	305.4	0.7	19.6	8.3	102.
10.1	50.1	4133.0	600.0	-10.0	-28.5	260.5	23.2	23.0	3.0	305.0	306.9	0.6	19.7	9.4	99.
11.2	53.1	4503.2	575.0	-9.8	-30.0	250.2	25.0	25.0	4.9	308.5	310.3	0.5	17.2	11.3	97.
12.3	56.3	4850.3	550.0	-11.6	-31.1	274.2	27.0	27.9	7.6	310.3	311.7	0.4	14.8	13.0	94.
13.3	59.5	5200.2	525.0	-14.2	-33.1	287.8	29.4	27.3	11.1	311.3	312.4	0.4	15.0	14.6	92.
14.4	62.7	5572.4	500.0	-17.6	-35.1	285.5	31.1	27.3	12.5	311.5	312.5	0.3	16.2	16.5	88.
15.5	65.9	5945.7	475.0	-21.2	-37.1	285.0	33.7	28.0	13.1	311.8	312.7	0.3	18.0	18.3	86.
16.8	70.1	6340.3	450.0	-25.4	-39.1	285.4	36.0	31.0	13.8	311.3	312.0	0.2	19.3	20.6	84.
18.1	73.7	6762.3	425.0	-29.1	-40.9	285.8	38.2	32.0	17.1	311.2	311.9	0.1	13.4	23.3	81.
19.6	77.7	7194.4	400.0	-33.3	-42.7	285.2	43.1	32.8	20.9	311.1	311.8	0.1	13.5	26.6	78.
21.1	81.4	7654.8	375.0	-38.1	-44.9	284.3	45.1	37.7	21.1	310.3	310.7	0.1	13.7	30.4	76.
22.7	85.4	8144.7	350.0	-43.4	-47.7	284.4	43.0	39.4	17.2	310.8	310.1	0.1	14.0	34.4	74.
24.4	89.7	8657.7	325.0	-48.7	-50.7	280.6	54.5	47.6	22.3	313.3	313.5	0.1	14.4	39.4	74.
26.2	93.2	9207.6	300.0	-54.4	-54.9	273.9	64.4	55.3	27.3	315.4	315.9	0.0	99.9	45.4	72.
28.2	96.8	9785.4	275.0	-60.4	-59.9	273.7	64.4	55.3	27.3	315.4	315.9	0.0	99.9	50.4	70.
30.2	101.6	10410.2	250.0	-67.1	-65.0	273.4	64.4	55.3	27.3	315.4	315.9	0.0	99.9	55.4	67.
32.7	105.0	11041.5	225.0	-74.7	-70.9	260.2	64.4	55.3	27.3	315.4	315.9	0.0	99.9	60.4	66.
35.6	114.5	11847.7	200.0	-83.2	-78.7	260.4	64.4	55.3	27.3	315.4	315.9	0.0	99.9	65.4	64.
38.4	120.5	12707.3	175.0	-93.3	-89.9	227.0	33.5	22.5	22.9	315.4	315.9	0.0	99.9	70.4	62.
41.8	127.0	13667.5	150.0	-104.2	-99.9	204.6	24.5	12.7	23.5	315.4	315.9	0.0	99.9	75.4	60.
45.9	134.3	14651.5	125.0	-121.2	-119.9	231.7	23.1	14.3	4.3	315.4	315.9	0.0	99.9	80.4	58.
49.8	141.5	16271.5	100.0	-141.5	-141.5	119.9	23.1	4.3	4.3	315.4	315.9	0.0	99.9	85.4	56.
53.9	149.7	18035.4	75.0	-161.5	-161.5	124.4	9.0	-7.5	7.1	417.4	417.4	0.0	99.9	90.4	54.
58.2	159.3	20570.6	50.0	-189.9	-189.9	140.7	3.9	-2.1	3.2	522.3	522.3	0.0	99.9	95.4	52.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 456
TODEKA, KAN28 APRIL 1975
1115 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	OIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
00.0	6.6	269.0	972.0	11.1	3.9	200.0	2.6	0.9	2.4	287.3	301.0	5.2	61.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.0	99.9	69.9	979.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.9	99.9	459.6	950.0	17.5	-0.3	239.9	9.5	7.8	5.6	290.5	301.2	3.9	41.0	0.3	30.
1.5	10.3	649.0	945.0	12.2	-1.4	239.3	9.4	8.0	4.8	293.3	303.6	3.8	36.5	0.8	47.
2.4	12.2	913.0	900.0	12.3	-4.4	239.4	12.5	10.7	6.5	294.3	302.4	3.0	31.0	1.3	51.
3.3	14.3	1140.1	870.0	12.0	-6.1	239.0	13.2	12.4	4.5	296.6	303.4	2.4	23.6	2.0	56.
4.2	16.3	1311.2	840.0	13.2	-7.4	242.1	15.7	14.9	4.8	297.1	303.0	2.0	22.2	2.8	61.
5.1	18.5	1635.3	820.0	11.1	-11.1	245.3	16.2	16.1	5.7	297.3	302.9	1.0	23.4	3.6	63.
6.1	20.6	1900.9	800.0	5.1	-17.1	247.1	17.0	17.0	7.5	297.2	302.6	1.8	26.4	4.7	64.
7.2	22.9	2149.1	770.0	3.3	-19.0	248.0	17.7	17.7	5.4	297.6	302.6	1.7	26.8	5.9	64.
8.2	25.2	2414.1	740.0	1.1	-20.2	248.5	17.3	17.7	4.0	298.1	302.7	1.6	28.1	7.0	67.
9.3	27.5	2645.7	710.0	-1.2	-21.6	248.9	16.6	15.3	6.5	298.4	302.9	1.5	31.2	8.0	64.
10.3	30.0	2844.1	680.0	-3.7	-23.0	248.7	16.0	14.4	9.0	298.6	302.7	1.4	33.1	9.1	67.
11.2	32.6	3020.4	650.0	-6.0	-24.2	248.7	15.2	13.5	10.6	298.4	302.7	0.7	30.3	10.3	67.
12.1	35.3	3197.0	620.0	-8.7	-25.1	248.0	14.2	12.2	14.3	298.3	304.0	0.5	14.0	12.0	64.
13.0	37.9	3372.7	590.0	-10.9	-26.0	247.1	13.0	10.9	16.4	298.0	304.3	0.4	10.0	13.7	56.
14.0	40.5	3547.5	560.0	-13.7	-26.8	246.2	11.6	9.4	24.9	312.7	311.9	0.3	7.7	16.3	64.
15.7	43.3	3722.5	530.0	-16.7	-27.2	245.3	10.3	8.3	28.0	312.1	313.2	0.3	6.2	19.2	61.
17.0	46.0	3897.2	500.0	-19.7	-28.2	244.7	9.1	7.0	29.0	312.2	313.2	0.3	9.7	22.6	60.
18.4	48.5	4072.0	470.0	-22.0	-29.5	244.6	8.0	5.8	31.5	314.0	315.0	0.3	9.9	26.8	54.
19.9	51.0	4246.1	440.0	-24.2	-30.7	244.0	6.7	4.6	35.1	316.3	317.4	0.2	7.3	30.5	57.
21.0	53.4	4420.1	410.0	-26.4	-32.0	243.1	5.4	3.3	37.7	316.3	317.4	0.2	7.6	34.7	56.
22.3	55.8	4594.0	380.0	-28.6	-33.2	242.2	4.2	2.1	39.4	316.4	317.4	0.1	4.0	38.7	55.
23.8	58.4	4767.9	350.0	-30.8	-34.4	241.4	3.0	0.9	35.4	321.4	321.4	0.1	8.3	41.4	53.
25.3	60.9	4941.8	320.0	-32.9	-35.5	240.7	1.9	0.0	30.4	322.3	321.7	0.1	8.7	49.6	51.
27.4	70.1	5115.7	290.0	-35.1	-36.7	240.0	0.7	0.0	41.4	324.5	324.4	0.1	9.0	54.3	49.
29.4	74.0	5289.6	260.0	-37.3	-37.9	240.0	0.0	0.0	37.4	324.5	324.4	0.1	11.1	54.9	47.
31.1	79.4	5463.5	230.0	-39.5	-39.1	240.0	0.0	0.0	37.4	324.5	324.4	0.1	9.9	63.4	46.
32.6	82.6	5637.4	200.0	-41.7	-40.3	240.0	0.0	0.0	37.4	324.5	324.4	0.1	9.9	63.4	46.
34.0	87.4	5811.3	170.0	-43.9	-41.5	240.0	0.0	0.0	37.4	324.5	324.4	0.1	9.9	63.4	46.
37.0	93.5	6055.2	140.0	-46.1	-43.7	240.0	0.0	0.0	37.4	324.5	324.4	0.1	9.9	63.4	46.
39.3	100.0	6300.0	110.0	-48.3	-45.9	240.0	0.0	0.0	37.4	324.5	324.4	0.1	9.9	63.4	46.
42.4	103.4	6544.8	80.0	-50.5	-48.1	240.0	0.0	0.0	37.4	324.5	324.4	0.1	9.9	63.4	46.
45.3	110.3	6789.6	50.0	-52.7	-50.3	240.0	0.0	0.0	37.4	324.5	324.4	0.1	9.9	63.4	46.
45.0	117.0	6963.5	20.0	-54.9	-52.5	240.0	0.0	0.0	37.4	324.5	324.4	0.1	9.9	63.4	46.
52.4	123.0	7208.2	0.0	-57.1	-54.7	240.0	0.0	0.0	37.4	324.5	324.4	0.1	9.9	63.4	46.
57.0	133.0	7452.9	0.0	-59.3	-56.9	240.0	0.0	0.0	37.4	324.5	324.4	0.1	9.9	63.4	46.
64.1	141.2	7697.6	0.0	-61.5	-59.1	240.0	0.0	0.0	37.4	324.5	324.4	0.1	9.9	63.4	46.
73.2	147.7	7942.3	0.0	-63.7	-61.3	240.0	0.0	0.0	37.4	324.5	324.4	0.1	9.9	63.4	46.
66.3	159.0	8187.0	0.0	-65.9	-63.5	240.0	0.0	0.0	37.4	324.5	324.4	0.1	9.9	63.4	46.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE GR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 476
GRAND JUNCTION, CO.

28 APRIL 1975

1115 GMT

147 14. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRFS MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	19.0	1476.3	250.0	0.6	-0.5	350.0	3.6	0.6	-3.5	287.1	286.7	2.8	59.0	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	21.1	1716.2	825.0	3.7	-9.2	212.5	3.3	1.8	2.9	292.8	299.3	2.3	38.2	0.3	144.
1.6	23.5	1665.3	800.0	1.5	-9.9	277.8	4.5	4.5	-0.6	293.0	299.4	2.2	46.2	0.7	115.
4.4	25.8	2219.6	775.0	-0.9	-11.0	289.0	6.6	6.2	-2.1	293.1	299.2	2.1	46.2	0.7	115.
3.2	24.3	2410.9	750.0	-1.1	-12.5	284.6	8.8	8.3	-2.9	293.4	299.0	1.9	48.0	1.0	113.
4.2	30.9	2743.0	725.0	-5.5	-13.8	285.4	9.6	9.3	-2.6	293.7	299.0	1.8	51.9	1.6	111.
5.1	33.6	3022.4	700.0	-8.1	-14.9	289.9	10.3	9.9	-2.8	293.7	299.0	1.7	59.0	2.1	109.
6.0	36.1	3323.6	675.0	-13.8	-14.8	297.4	11.2	16.6	-3.3	293.8	299.0	1.6	72.0	2.7	109.
7.2	39.8	3592.7	650.0	-13.0	-19.2	291.4	12.0	11.1	-4.4	294.4	298.3	1.3	59.7	3.5	109.
8.4	41.4	3818.3	625.0	-14.4	-22.6	291.4	13.0	12.0	-4.9	294.0	299.1	1.0	49.9	4.4	110.
9.4	44.3	4192.7	600.0	-15.1	-32.7	289.0	12.7	12.0	-4.1	297.5	298.8	0.4	22.5	5.2	110.
10.4	47.3	4515.5	575.0	-17.5	-38.0	281.3	14.4	14.1	-2.8	299.5	300.4	0.2	14.7	6.0	109.
11.3	52.2	4811.3	550.0	-19.1	-39.2	270.8	15.9	15.2	-2.6	301.4	302.2	0.2	14.8	6.5	108.
12.3	56.1	5115.3	525.0	-21.8	-41.4	280.4	16.4	16.1	-3.0	302.1	302.8	0.2	15.0	7.7	107.
13.5	56.1	5300.0	500.0	-23.9	-43.7	279.0	16.0	16.8	-2.5	302.7	303.2	0.2	15.3	8.0	106.
14.7	59.4	5523.4	475.0	-27.9	-45.9	280.7	16.3	16.0	-3.0	303.4	303.8	0.1	16.0	10.2	105.
16.1	62.8	6119.3	450.0	-31.0	-47.4	277.9	18.6	18.4	-2.5	304.2	304.7	0.1	18.1	11.5	105.
17.4	66.1	6712.2	425.0	-34.0	-48.9	273.9	21.4	21.3	-1.4	305.5	305.8	0.1	20.3	13.0	104.
18.6	69.8	7133.8	400.0	-37.3	-50.3	271.7	24.5	24.5	-0.7	306.4	306.7	0.1	24.3	14.7	102.
20.2	73.3	7576.4	375.0	-40.2	-50.9	267.7	27.0	27.0	1.1	308.1	309.9	99.9	99.9	17.0	101.
21.8	77.3	8044.4	350.0	-43.3	-50.9	260.6	30.8	30.4	5.0	310.4	309.9	99.9	99.9	19.7	98.
23.5	81.2	8538.6	325.0	-47.5	-50.9	257.7	31.7	31.0	6.4	311.2	309.9	99.9	99.9	22.9	98.
25.6	85.6	9003.5	300.0	-52.6	-50.9	250.9	32.1	31.5	6.2	314.0	309.9	99.9	99.9	26.7	93.
27.8	93.0	9530.0	275.0	-51.3	-50.9	263.8	31.8	31.6	3.4	322.4	309.9	99.9	99.9	30.8	91.
30.1	95.0	10253.5	250.0	-48.7	-50.9	266.4	32.5	32.5	2.1	333.7	309.9	99.9	99.9	35.3	91.
32.3	100.0	10948.5	225.0	-45.8	-50.9	272.7	20.0	20.0	-0.9	343.7	309.9	99.9	99.9	38.6	91.
35.1	105.4	11718.8	200.0	-51.2	-50.9	261.9	17.3	16.9	2.4	341.6	309.9	99.9	99.9	42.0	91.
38.6	111.5	12582.6	175.0	-51.9	-50.9	233.4	17.4	14.0	10.4	365.8	309.9	99.9	99.9	45.0	88.
42.0	118.0	13591.1	150.0	-55.5	-50.9	226.7	11.8	8.6	8.1	383.1	309.9	99.9	99.9	47.8	86.
46.6	125.5	14772.4	125.0	-51.1	-50.9	248.5	6.7	6.3	2.5	399.0	309.9	99.9	99.9	50.7	85.
51.7	133.7	16192.9	100.0	-51.3	-50.9	169.0	9.3	-1.8	9.3	415.1	309.9	99.9	99.9	50.8	84.
58.7	142.0	19314.1	75.0	-59.9	-50.9	169.9	2.3	-0.5	2.3	447.4	309.9	99.9	99.9	51.3	80.
67.6	151.0	20561.3	50.0	-57.9	-50.9	86.1	9.0	-0.0	-0.6	506.9	309.9	99.9	99.9	49.9	79.
80.7	160.7	24986.9	25.0	-53.3	-50.9	80.7	4.0	-4.0	-0.6	631.7	309.9	99.9	99.9	45.3	79.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001
MARSHALL SPACE FLIGHT CENTER

28 APRIL 1975
1120 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PDT Y DEG K	E PDT Y DEG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0.0	5.9	100.0	993.3	17.5	16.7	360.0	0.0	0.0	0.0	292.6	324.2	12.2	95.0	0.0	C.
9.9	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6.6	7.3	340.0	975.0	19.5	16.0	229.9	7.1	5.4	4.6	295.3	326.3	11.9	85.6	0.1	27.
1.5	9.4	563.3	950.3	14.2	15.5	241.2	9.1	9.0	4.4	297.2	329.3	11.8	84.8	0.5	54.
2.4	11.2	792.7	925.0	15.0	11.2	213.1	10.8	8.6	6.5	300.0	324.6	9.1	60.7	1.0	57.
3.3	13.3	1027.8	900.0	17.2	9.8	232.1	12.3	9.7	7.5	300.4	323.5	6.5	61.5	1.6	55.
4.2	15.4	1268.2	875.0	16.3	4.5	235.8	14.6	12.0	8.2	301.5	318.3	6.0	45.3	2.4	54.
5.3	17.4	1514.0	850.0	14.7	2.7	243.5	14.6	13.0	6.5	302.3	317.8	5.5	44.4	3.3	50.
6.2	19.6	1766.0	825.0	13.5	0.0	242.3	12.2	12.8	5.7	303.5	316.8	4.7	39.6	4.0	58.
7.3	21.7	2024.3	800.0	11.6	1.6	232.8	12.2	9.7	7.3	304.3	319.5	5.4	50.0	4.8	57.
8.3	23.1	2299.0	775.0	10.0	-6.0	243.5	12.0	10.7	5.3	305.0	314.3	3.2	31.8	5.6	57.
9.4	25.2	2561.2	750.0	9.5	-12.4	250.8	13.5	12.7	4.4	307.1	313.2	2.0	19.9	6.4	56.
10.5	28.7	2841.3	725.0	7.7	-20.7	245.1	12.3	11.1	5.2	308.1	311.3	1.0	11.2	7.3	60.
11.6	31.2	3125.3	700.0	6.3	-22.8	237.5	10.7	4.7	6.5	309.5	312.6	1.0	11.2	8.0	60.
12.4	33.8	3427.3	675.0	6.3	-19.5	224.2	10.9	7.4	7.8	312.9	316.8	1.2	13.8	8.8	59.
13.4	36.2	3735.2	650.0	3.9	-15.7	227.8	13.5	7.8	7.0	313.6	310.1	1.7	22.2	9.5	58.
14.3	38.6	4052.3	625.0	1.6	-25.2	235.1	10.5	8.0	6.0	314.4	317.0	0.8	11.5	10.3	57.
15.6	41.6	4379.7	600.0	-0.9	-21.5	245.6	10.5	9.5	4.3	315.2	316.9	1.1	19.2	11.1	57.
17.9	44.5	4717.7	575.0	-3.9	-11.7	258.3	9.5	9.3	1.9	315.7	324.2	2.7	54.7	11.9	59.
14.2	47.5	5067.0	550.0	-6.8	-13.5	254.8	11.1	10.7	2.9	316.3	324.0	2.5	59.7	12.6	60.
20.5	50.5	5428.8	525.0	-9.3	-15.4	247.1	12.3	11.5	4.9	317.5	324.4	2.2	61.6	13.5	60.
21.9	53.6	5813.8	500.0	-12.8	-15.3	249.0	13.3	12.5	4.6	317.7	325.0	2.3	81.6	14.6	61.
23.4	56.7	6193.1	475.0	-15.7	-18.4	255.5	14.1	13.6	3.5	314.7	324.7	1.9	79.8	15.8	62.
24.9	60.3	6598.7	450.0	-19.7	-21.3	255.6	15.5	15.0	3.9	320.5	325.5	1.6	77.0	17.1	63.
26.7	64.0	7024.3	425.0	-20.4	-35.3	264.6	17.3	17.2	1.6	322.9	324.4	0.4	24.9	19.9	64.
28.4	67.5	7470.5	400.0	-23.2	-42.7	263.1	16.1	16.0	1.9	324.8	325.6	0.2	14.7	20.5	66.
30.2	71.3	7939.8	375.0	-27.0	-38.6	265.3	21.5	21.4	1.5	325.8	327.1	0.4	32.2	22.4	68.
32.0	75.5	8432.8	350.0	-31.0	-37.0	264.5	20.3	20.2	1.9	326.9	329.5	0.5	55.5	24.5	69.
33.8	80.0	8954.0	325.0	-35.2	-40.0	269.4	20.3	21.0	0.2	328.2	329.5	0.4	60.9	26.5	71.
35.4	84.6	9505.7	300.0	-39.1	-43.5	269.9	21.0	21.0	0.0	330.1	331.1	0.3	62.7	28.7	72.
37.7	89.4	10097.6	275.0	-43.5	99.9	263.9	19.8	19.8	0.0	332.3	330.9	9.9	99.9	31.2	73.
40.3	94.6	10722.5	250.0	-47.9	99.9	262.0	21.3	21.4	3.0	334.8	333.9	9.9	99.9	34.1	74.
42.7	100.2	11419.2	225.0	-53.6	99.9	264.7	25.3	25.2	2.3	336.4	336.4	9.9	99.9	37.5	75.
45.1	108.0	12164.2	200.0	-60.3	99.9	271.5	34.7	34.7	-0.9	337.4	339.9	9.9	99.9	41.9	77.
47.7	112.7	12984.4	175.0	-66.7	99.9	275.3	35.7	35.5	-3.3	339.9	339.9	9.9	99.9	47.0	78.
51.0	116.8	13935.9	150.0	-71.1	99.9	280.9	37.8	37.2	-7.2	347.7	347.7	9.9	99.9	53.9	81.
54.6	127.7	14908.9	125.0	-85.5	99.9	304.0	18.6	15.6	-10.5	376.4	376.4	9.9	99.9	59.3	84.
58.9	135.8	16339.9	100.0	-70.0	99.9	320.4	8.3	5.3	-6.4	392.5	392.5	9.9	99.9	62.1	86.
64.6	144.0	18059.2	75.0	-67.5	99.9	9.2	4.3	-3.7	-4.2	431.4	431.4	9.9	99.9	64.2	87.
72.0	152.3	20551.2	50.0	-59.4	99.9	93.2	5.8	-5.8	0.3	503.7	503.7	9.9	99.9	62.2	87.
83.4	161.0	24985.2	25.0	-52.2	99.9	35.5	3.6	-2.1	-2.9	634.6	634.6	9.9	99.9	59.7	89.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22002
FT. SILL, OKLA28 APRIL 1975
1232 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX W/O GM/KG	RM PCT	RANGE KM	AZ DG
0.0	8.4	362.0	966.2	11.7	0.5	190.0	3.1	0.5	3.1	288.2	299.3	4.1	46.0	0.0	0.
00.9	90.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	90.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	3.9	504.0	950.0	15.5	0.3	278.7	7.0	6.9	-1.1	263.4	304.8	4.1	35.6	0.1	47.
1.4	12.0	730.6	925.0	17.1	-1.9	278.7	10.3	10.4	-1.5	297.3	307.4	3.6	27.2	0.5	92.
2.2	14.4	914.1	900.0	15.9	-2.9	291.2	17.4	12.2	-2.4	293.4	308.1	3.4	27.2	1.1	94.
3.1	16.5	1502.2	875.0	14.0	-4.6	295.2	13.4	12.9	-3.5	298.7	307.4	3.1	27.3	1.0	99.
4.7	13.6	1445.5	850.0	12.0	-6.3	246.7	14.6	14.0	-4.2	295.1	207.2	2.8	27.3	2.5	101.
4.9	21.2	1698.6	825.0	10.4	-7.4	274.4	17.7	17.7	-1.4	300.1	307.9	2.7	27.6	3.4	101.
5.7	23.5	1549.6	800.0	8.9	-8.5	263.5	17.4	17.3	2.0	301.0	308.4	2.5	28.2	4.3	98.
6.8	25.8	2212.1	775.0	6.2	-10.7	250.0	16.3	15.4	5.6	302.9	309.4	2.2	25.0	5.3	94.
7.9	28.4	2422.7	750.0	7.4	-11.3	245.7	15.5	14.1	6.4	305.1	311.6	2.2	24.7	6.2	90.
9.0	30.9	2760.6	725.0	5.3	-13.2	243.5	16.9	15.1	7.5	305.5	311.2	1.9	24.8	7.1	86.
10.1	33.6	3046.8	700.0	4.6	-13.8	241.1	19.3	16.9	9.3	307.9	313.6	1.9	24.8	8.2	93.
11.1	36.0	3342.3	675.0	3.5	-14.7	239.3	23.9	17.4	11.7	309.7	315.3	1.8	24.9	9.5	80.
12.1	34.7	3677.7	650.0	2.1	-15.9	238.8	26.4	22.9	13.9	311.5	316.8	1.7	24.9	10.8	77.
13.1	41.2	3670.0	625.0	-0.3	-17.9	241.0	30.1	26.3	14.6	312.2	316.9	1.5	25.0	12.5	75.
14.2	44.1	4267.6	600.0	-3.1	-19.6	244.5	32.2	29.1	13.6	312.6	316.9	1.3	26.6	14.6	73.
15.4	47.0	4623.0	575.0	-5.9	-18.5	244.9	36.9	33.4	15.7	313.2	318.1	1.5	30.3	17.0	72.
16.6	43.6	4690.3	550.0	-9.1	-16.3	242.1	36.6	32.3	17.1	313.5	318.3	1.5	43.0	19.5	71.
17.9	52.8	5327.0	525.0	-12.7	-21.1	242.1	36.4	32.1	17.3	313.7	317.6	1.3	40.9	22.3	70.
19.1	53.8	5997.3	500.0	-15.9	-27.8	239.9	99.9	99.9	99.9	315.7	316.2	0.8	35.3	99.9	99.9
20.4	59.0	6481.2	475.0	-17.9	-34.5	99.9	99.9	99.9	99.9	315.5	317.3	0.4	21.6	99.9	99.9
20.9	90.9	99.9	450.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
21.9	90.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
22.9	90.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
23.9	90.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
24.9	90.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
25.9	90.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
26.9	90.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
27.9	90.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
28.9	90.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
29.9	90.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30.9	90.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.9	90.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.9	90.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	90.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.9	90.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.9	90.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36.9	90.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
37.9	90.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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APPROVAL

DATA FOR NASA'S AVSSE I EXPERIMENT:
25-MB SOUNDING DATA AND SYNOPTIC CHARTS

By

Nancy F. Fucik and Robert E. Turner

The information in this report has been reviewed for security classification. Review of any information concerning Department of Defense or Atomic Energy Commission programs has been made by the MSFC Security Classification Officer. This report, in its entirety, has been determined to be unclassified.

This document has also been reviewed and approved for technical accuracy.




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